New Perspectives on HTML 5 and CSS Comprehensive 8th edition Carey Test Bank

SKU: 9780357107140-TEST-BANK

Name:_____ Class:_____ Date:_____

Tutorial 2: Getting Started with CSS

True / False

1. User-defined styles can be superseded by external styles, which are the styles that a website author creates, places within a Cascading Style Sheets (CSS) file, and links to the page.

a. True

b. False

ANSWER: True

FEEDBACK:
Correct User-defined styles can be superseded by external styles, which are styles created and placed within a CSS file and linked to the website.
Incorrect User-defined styles can be superseded by external styles, which are styles created and placed within a CSS file and linked to the website.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Introducing CSS
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.03 - Explore style precedence and inheritance
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/19/2019 2:30 PM

2. The first style sheet interpreted by a browser is the one built into the browser itself.

a. True

b. False

ANSWER: True

FEEDBACK:
Correct The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself.
Incorrect The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Introducing CSS
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Remember
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3. One advantage of user-defined style sheets is that they make the web more accessible to visually impaired users who

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may require larger fonts or high-contrast color schemes.

a. True

b. False

ANSWER: True

FEEDBACK:

Correct User-defined styles are created by the user within the browser. For example, a user with a visual impairment could make a website easier to read by altering the browser's default settings, displaying text in highly contrasting colors and a large font.

Incorrect User-defined styles are created by the user within the browser. For example, a user with a visual impairment could make a website easier to read by altering the browser's default settings, displaying text in highly contrasting colors and a large font.

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Introducing CSS

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Exploring Style Rules

KEYWORDS: Bloom's: Understand

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4. User-defined styles are defined by users based on the settings they make while configuring a browser.

a. True

b. False

ANSWER: True

FEEDBACK:

Correct User-defined styles are created by the user within the browser by altering the browser's default settings.

Incorrect User-defined styles are created by the user within the browser by altering the browser's default settings.

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Introducing CSS

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Exploring Style Rules

KEYWORDS: Bloom's: Remember

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Tutorial 2: Getting Started with CSS

5. Embedded style sheets are styles that are inserted directly within the body element of a Hypertext Markup Language (HTML) document, and they are accessible to all documents in a website.

a. True

b. False

ANSWER: False

FEEDBACK:

Correct Above external style sheets in the hierarchy are embedded styles, which are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.

Incorrect Above external style sheets in the hierarchy are embedded styles, which are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Introducing CSS

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Exploring Style Rules

KEYWORDS: Bloom's: Remember

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6. In every version of Cascading Style Sheets (CSS), one can apply a style rule containing a list of style properties to an element or a group of elements known as a selector.

a. True

b. False

ANSWER: True

FEEDBACK:

Correct The style rule, which defines the styles applied to an element or group of elements, known as a selector, is the building block of the CSS style sheet.

Incorrect The style rule, which defines the styles applied to an element or group of elements, known as a selector, is the building block of the CSS style sheet.

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Exploring Style Rules

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Exploring Style Rules

KEYWORDS: Bloom's: Understand

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7. In addition to the W3C-supported style properties, most browsers supply their own extended library of style properties, known as browser extensions.

a. True

b. False

ANSWER: True

FEEDBACK:
Correct In addition to the W3C-supported style properties, most browsers supply their own extended library of style properties, known as browser extensions.
Incorrect In addition to the W3C-supported style properties, most browsers supply their own extended library of style properties, known as browser extensions.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Style Rules
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.03 - Explore style precedence and inheritance
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Remember
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8. Browser extensions are identified through the use of a vendor prefix, which indicates the browser vendor that created and supports the property.

a. True

b. False

ANSWER: True

FEEDBACK:
Correct Browser extensions are identified through the use of a vendor prefix indicating the browser vendor that created and supports the property.
Incorrect Browser extensions are identified through the use of a vendor prefix indicating the browser vendor that created and supports the property.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Style Rules
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.03 - Explore style precedence and inheritance
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
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9. A color value is an alphabetic expression that represents the intensity of the primary colors.

a. True

b. False

ANSWER: False

FEEDBACK:

Correct CSS supports color values, in which the color is given by an exact numeric representation. CSS3 supports two types of color values: RGB values and HSL values.

Incorrect CSS supports color values, in which the color is given by an exact numeric representation. CSS3 supports two types of color values: RGB values and HSL values.

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Working with Color in CSS

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.04 - Apply colors in CSS

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Working with Color in CSS

KEYWORDS: Bloom's: Understand

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10. Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).

a. True

b. False

ANSWER: True

FEEDBACK:

Correct Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).

Incorrect Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).

POINTS: 1

DIFFICULTY: Easy

REFERENCES: Working with Color in CSS

QUESTION TYPE: True / False

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.04 - Apply colors in CSS

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Working with Color in CSS

KEYWORDS: Bloom's: Remember

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11. Hue values range from 0˚ to 360˚, where 0˚ matches the location of blue on the color wheel, 120˚ matches red, and 240˚ matches green.

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a. True
b. False

ANSWER: False

FEEDBACK:
Correct Hue values range from 0° up to 360°, where 0° matches the location of red on the color wheel, 120° matches green, and 240° matches blue.
Incorrect Hue values range from 0° up to 360°, where 0° matches the location of red on the color wheel, 120° matches green, and 240° matches blue.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
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12. Cascading Style Sheets (CSS) allow RGB values to be entered as hexadecimal numbers.

a. True
b. False

ANSWER: True

FEEDBACK:
Correct RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.
Incorrect RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
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13. Cascading Style Sheets (CSS) 3 allows developers to set a color's opacity, which defines how transparent the color appears using a numeric range of 10-50.

a. True

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b. False

ANSWER: False

FEEDBACK:
Correct Colors can be made semi-opaque by setting the color's opacity, which defines how solid the color appears. Opacity can range from 0 up to 1.0.
Incorrect Colors can be made semi-opaque by setting the color's opacity, which defines how solid the color appears. Opacity can range from 0 up to 1.0.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
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14. A generic font describes the general appearance of a typeface and relies on a specific font definition.

a. True
b. False

ANSWER: False

FEEDBACK:
Correct A generic font describes the general appearance of the characters in the text but does not specify any particular font definition file.
Incorrect A generic font describes the general appearance of the characters in the text but does not specify any particular font definition file.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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15. Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media.

a. True
b. False

ANSWER: True

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FEEDBACK:	*Correct*	Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media.
	Incorrect	Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media.
POINTS:	1	
DIFFICULTY:	Easy	
REFERENCES:	Setting the Font Size	
QUESTION TYPE:	True / False	
HAS VARIABLES:	False	
LEARNING OBJECTIVES:	02.07 - Apply text and font styles	
NATIONAL STANDARDS:	United States - BUSPROG: Technology	
TOPICS:	Setting the Font Size	
KEYWORDS:	Bloom's: Remember	
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DATE MODIFIED:	9/20/2019 12:01 PM	

16. The subscript and superscript styles lower or raise text vertically, as well as resize it.

a. True

b. False

ANSWER:	False	
FEEDBACK:	*Correct*	The subscript and superscript styles lower or raise text vertically, but do not resize it.
	Incorrect	The subscript and superscript styles lower or raise text vertically, but do not resize it.
POINTS:	1	
DIFFICULTY:	Easy	
REFERENCES:	Working with Font Styles	
QUESTION TYPE:	True / False	
HAS VARIABLES:	False	
LEARNING OBJECTIVES:	02.07 - Apply text and font styles	
NATIONAL STANDARDS:	United States - BUSPROG: Technology	
TOPICS:	Working with Font Styles	
KEYWORDS:	Bloom's: Understand	
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17. In the context of formatting lists, by default, unordered lists are displayed with numerals while ordered lists are displayed with a solid disc.

a. True

b. False

ANSWER:	False	
FEEDBACK:	*Correct*	By default, unordered lists are displayed with a solid disc while ordered lists are displayed with numerals.
	Incorrect	By default, unordered lists are displayed with a solid disc while ordered lists are

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displayed with numerals.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Formatting Lists
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.09 - Define list styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Formatting Lists
KEYWORDS: Bloom's: Understand
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18. The content of a `blockquote` element is usually placed in quotation marks.
    a. True
    b. False

ANSWER: True
FEEDBACK:
Correct The blockquote and q elements are used for quoted material. The content of these elements is usually placed in quotation marks.
Incorrect The blockquote and q elements are used for quoted material. The content of these elements is usually placed in quotation marks.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Inserting Quotation Marks
QUESTION TYPE: True / False
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.12 - Insert page content with CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Inserting Quotation Marks
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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Modified True / False

19. Writing a style rule on a single line saves space, but entering each style property on a separate line often makes a code easier to read and edit.

ANSWER: True
FEEDBACK:
Correct Writing a style rule on a single line saves space, but entering each style property on a separate line often makes your code easier to read and edit.
Incorrect Writing a style rule on a single line saves space, but entering each style property on a separate line often makes your code easier to read and edit.

POINTS: 1

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Tutorial 2: Getting Started with CSS

DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:13 PM

20. Embedded styles are directly applied to specific elements using the style attribute.
ANSWER: False - Inline styles
FEEDBACK: *Correct* Inline styles are styles applied directly to specific elements using the style attribute.
Incorrect Inline styles are styles applied directly to specific elements using the style attribute.
POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
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21. An important factor in applying a style sheet is that properties are passed from a parent element to its children in a process known as style inheritance.
ANSWER: True
FEEDBACK: *Correct* Styles are passed from a parent element to its children in a process known as style inheritance.
Incorrect Styles are passed from a parent element to its children in a process known as style inheritance.
POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

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Tutorial 2: Getting Started with CSS

NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
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22. To import a style sheet, the command
`=import url(url);`
must be added to the style sheet file, where *url* is the URL of an external style sheet file.

ANSWER: False - `@import url(url);`

FEEDBACK:
Correct The following @import is used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.
Incorrect The following @import is used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Understand
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23. RGB triplets can describe 256^3 (16.7 million) possible colors, which is a greater number of colors than the human eye can distinguish.

ANSWER: True

FEEDBACK:
Correct RGB triplets can describe 256 cubed (16.7 million) possible colors, which is a greater number of colors than the human eye can distinguish.
Incorrect RGB triplets can describe 256 cubed (16.7 million) possible colors, which is a greater number of colors than the human eye can distinguish.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Color in CSS
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS

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KEYWORDS: Bloom's: Remember
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24. A decimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

ANSWER: False - hexadecimal

FEEDBACK:
Correct A hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.
Incorrect A hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:25 PM

25. Hue measures the brightness of a color and ranges from 0% (black) up to 100% (white).

ANSWER: False - Lightness

FEEDBACK:
Correct Lightness measures the brightness of the color and ranges from 0% (black) up to 100% (white).
Incorrect Lightness measures the brightness of the color and ranges from 0% (black) up to 100% (white).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
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26. A parent element is an element that contains one or more elements, which are called its child elements.

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ANSWER: True

FEEDBACK:
Correct Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
Incorrect Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
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27. A generic font is a font that is identified by name, such as Times New Roman or Helvetica.

ANSWER: False - specific font

FEEDBACK:
Correct A specific font is a font that is identified by name, such as Times New Roman or Helvetica, and based on a font definition file that is stored on the user's computer or accessible on the web.
Incorrect A specific font is a font that is identified by name, such as Times New Roman or Helvetica, and based on a font definition file that is stored on the user's computer or accessible on the web.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.08 - Use a web font
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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28. To access and load a web font, the `@font-face` rule should be added to a style sheet.

ANSWER: True

FEEDBACK:
Correct To access and load a web font, you add the @font-face rule to the style sheet.

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	Incorrect To access and load a web font, you add the @font-face rule to the style sheet.
POINTS:	1
DIFFICULTY:	Easy
REFERENCES:	Working with Fonts
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	02.08 - Use a web font
NATIONAL STANDARDS:	United States - BUSPROG: Technology
TOPICS:	Working with Fonts
KEYWORDS:	Bloom's: Understand
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29. One approach to retain the consistency of web page text is to use absolute units, which are expressed relative to the size of other objects within the web page.

ANSWER:	False - relative units
FEEDBACK:	*Correct* In place of absolute units, designers can use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.
	Incorrect In place of absolute units, designers can use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.
POINTS:	1
DIFFICULTY:	Easy
REFERENCES:	Setting the Font Size
QUESTION TYPE:	Modified True / False
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	02.07 - Apply text and font styles
NATIONAL STANDARDS:	United States - BUSPROG: Technology
TOPICS:	Setting the Font Size
KEYWORDS:	Bloom's: Remember
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30. Relative units define a font size using one of five standard units of measurement.

ANSWER:	False - Absolute units
FEEDBACK:	*Correct* Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points), and pc (picas).
	Incorrect Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points),

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and pc (picas).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:38 PM

31. A pixel is a relative unit because the actual rendered size depends on the resolution and density of the output device.

ANSWER: True
FEEDBACK:
Correct A pixel is a relative unit because the actual pixel size depends on the resolution and density of the output device.
Incorrect A pixel is a relative unit because the actual pixel size depends on the resolution and density of the output device.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Setting the Font Size
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:40 PM

32. Leading measures the amount of space between characters, whereas tracking refers to the amount of space between words.

ANSWER: False - Kerning
FEEDBACK:
Correct Leading sets the space between lines of text. Kerning sets the space between characters, while tracking sets the space between words.
Incorrect Leading sets the space between lines of text. Kerning sets the space between characters, while tracking sets the space between words.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Controlling Spacing and Indentation

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Tutorial 2: Getting Started with CSS

QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Spacing and Indentation
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:42 PM

33. Structural pseudo-elements are used to classify items based on their locations within the hierarchy of page elements.
ANSWER: False - pseudo-classes
FEEDBACK:
Correct A structural pseudo-class classifies an element based on its location within the structure of the HTML document.
Incorrect A structural pseudo-class classifies an element based on its location within the structure of the HTML document.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Modified True / False
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Use pseudo-classes and pseudo elements
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:43 PM

Multiple Choice

34. Unlike an external style sheet, a(n) _____ style sheet is applied only to the web page in which it is placed.
a. linked
b. internal
c. embedded
d. integrated
ANSWER: c
FEEDBACK:
a. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
b. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
c. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
d. Embedded styles only apply to the HTML document in which they are created

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and are not accessible to other documents in the website.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Introducing CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:46 PM

35. Inline styles are styles applied directly to specific elements using the style attribute
`<element style="property: value"> content </element>`
where *element* is the Hypertext Markup Language (HTML) element and _____ pairs define the styles that are applied directly to that element.

a. *property: value*
b. *element*
c. *element style*
d. *style*

ANSWER: a

FEEDBACK:

a. Inline styles are styles applied directly to specific elements using the following style attribute: <element style="property1: value1;property2: value2; …"> content </element>, where the property : value pairs define the styles, which are applied directly to that element.
b. Inline styles are styles applied directly to specific elements using the following style attribute: <element style="property1: value1;property2: value2; …"> content </element>, where the property : value pairs define the styles, which are applied directly to that element.
c. Inline styles are styles applied directly to specific elements using the following style attribute: <element style="property1: value1;property2: value2; …"> content </element>, where the property : value pairs define the styles, which are applied directly to that element.
d. Inline styles are styles applied directly to specific elements using the following style attribute: <element style="property1: value1;property2: value2; …"> content </element>, where the property : value pairs define the styles, which are applied directly to that element.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules

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Tutorial 2: Getting Started with CSS

KEYWORDS: Bloom's: Understand
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36. If two style rules have equal specificity, and thus equal importance, then the one that is defined _____ in the style sheet is the one used.

a. last
b. first
c. second
d. third

ANSWER: a

FEEDBACK:

a. The style that is defined last has precedence, but that is not the whole story. Another important principle is that the more specific style rule has precedence over the more general style rule.
b. The style that is defined last has precedence, but that is not the whole story. Another important principle is that the more specific style rule has precedence over the more general style rule.
c. The style that is defined last has precedence, but that is not the whole story. Another important principle is that the more specific style rule has precedence over the more general style rule.
d. The style that is defined last has precedence, but that is not the whole story. Another important principle is that the more specific style rule has precedence over the more general style rule.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.03 - Explore style precedence and inheritance
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:53 PM

37. One factor in how an element is rendered is that properties are passed from a parent element to its children in a process known as _____.

a. style portioning
b. style indexing
c. style inheritance
d. style links

ANSWER: c

FEEDBACK:

a. A factor in how style rules are interpreted is that styles are passed from a parent element to its children in a process known as style inheritance.
b. A factor in how style rules are interpreted is that styles are passed from a parent

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element to its children in a process known as style inheritance.

c. A factor in how style rules are interpreted is that styles are passed from a parent element to its children in a process known as style inheritance.

d. A factor in how style rules are interpreted is that styles are passed from a parent element to its children in a process known as style inheritance.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:57 PM

38. Many web browsers include _____ tools to make it easier for designers to locate the source of a style that has been applied to a specific page element.

a. designer
b. planner
c. developer
d. creator

ANSWER: c

FEEDBACK:

a. Most browsers include developer tools allowing the designer to view HTML code, CSS styles, and other parts of the web page. These developer tools make it easier for the designer to locate the source of a style that has been applied to a specific page element.

b. Most browsers include developer tools allowing the designer to view HTML code, CSS styles, and other parts of the web page. These developer tools make it easier for the designer to locate the source of a style that has been applied to a specific page element.

c. Most browsers include developer tools allowing the designer to view HTML code, CSS styles, and other parts of the web page. These developer tools make it easier for the designer to locate the source of a style that has been applied to a specific page element.

d. Most browsers include developer tools allowing the designer to view HTML code, CSS styles, and other parts of the web page. These developer tools make it easier for the designer to locate the source of a style that has been applied to a specific page element.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Style Rules
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

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Tutorial 2: Getting Started with CSS

NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 12:58 PM

39. Identify the correct syntax for adding comments in style sheets.
    a. `<!--comment-->`
    b. `/..comment`
    c. `//comment//`
    d. `/*comment*/`

ANSWER: d

FEEDBACK:
    a. Style sheet comments are entered as /* comment */ where comment is the text of the comment.
    b. Style sheet comments are entered as /* comment */ where comment is the text of the comment.
    c. Style sheet comments are entered as /* comment */ where comment is the text of the comment.
    d. Style sheet comments are entered as /* comment */ where comment is the text of the comment.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:00 PM

40. Which of the following rules defines character encoding in every Cascading Style Sheets (CSS) document?
    a. `@charset=“encoding”`
    b. `@charset “encoding”;`
    c. `&char=“encoding”;`
    d. `&char “encoding”;`

ANSWER: b

FEEDBACK:
    a. As with HTML files, it is a good idea in every CSS document to define the character encoding used in the file. In CSS, you accomplish this using the following @charset rule: @charset "encoding"; where encoding defines the character encoding used in the file.
    b. As with HTML files, it is a good idea in every CSS document to define the character encoding used in the file. In CSS, you accomplish this using the following @charset rule: @charset "encoding"; where encoding defines the

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character encoding used in the file.

c. As with HTML files, it is a good idea in every CSS document to define the character encoding used in the file. In CSS, you accomplish this using the following @charset rule: @charset "encoding"; where encoding defines the character encoding used in the file.

d. As with HTML files, it is a good idea in every CSS document to define the character encoding used in the file. In CSS, you accomplish this using the following @charset rule: @charset "encoding"; where encoding defines the character encoding used in the file.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:02 PM

41. The _____ statement must always come before any other style rules in a style sheet.

a. `@import`
b. `@embed`
c. `!import`
d. `!embed`

ANSWER: a

FEEDBACK:

a. The @import statement must always come before any other style rules in the style sheet.

b. The @import statement must always come before any other style rules in the style sheet.

c. The @import statement must always come before any other style rules in the style sheet.

d. The @import statement must always come before any other style rules in the style sheet.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Understand
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Tutorial 2: Getting Started with CSS

DATE MODIFIED: 9/20/2019 1:05 PM

42. The Cascading Style Sheets (CSS) at-rule that imports an external style sheet file located at *url* is _____.

a. `@import url(url);`

b. `@import "url";`

c. `@import prefix url`

d.
```
@import
media
{
url
}
```

ANSWER: a

FEEDBACK:

a. An at-rule is the following @import used to import the contents of a style sheet file: import url(url); where url is the URL of an external style sheet file.

b. An at-rule is the following @import used to import the contents of a style sheet file: import url(url); where url is the URL of an external style sheet file.

c. An at-rule is the following @import used to import the contents of a style sheet file: import url(url); where url is the URL of an external style sheet file.

d. An at-rule is the following @import used to import the contents of a style sheet file: import url(url); where url is the URL of an external style sheet file.

POINTS: 1

DIFFICULTY: Moderate

REFERENCES: Creating a Style Sheet

QUESTION TYPE: Multiple Choice

HAS VARIABLES: False

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets

NATIONAL STANDARDS: United States - BUSPROG: Technology

TOPICS: Creating a Style Sheet

KEYWORDS: Bloom's: Remember

DATE CREATED: 8/1/2019 1:35 PM

DATE MODIFIED: 9/20/2019 1:08 PM

43. Using multiple `@import` rules has the same impact as adding multiple _____ elements to a Hypertext Markup Language (HTML) file.

a. `connection`

b. `link`

c. `contact`

d. integrated

ANSWER: b

FEEDBACK:

a. Using multiple @import rules in a CSS file has the same impact as adding multiple link elements to the HTML file.

b. Using multiple @import rules in a CSS file has the same impact as adding multiple link elements to the HTML file.

c. Using multiple @import rules in a CSS file has the same impact as adding multiple link elements to the HTML file.

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d. Using multiple @import rules in a CSS file has the same impact as adding multiple link elements to the HTML file.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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44. Adding all three primary colors—red, green, and blue—at maximum intensity produces the color _____, while adding any two of the three primary colors at maximum intensity produces the trio of complementary colors: yellow, magenta, and cyan.

a. white
b. blue
c. lime
d. black

ANSWER: a

FEEDBACK:

a. RGB color values are based on classical color theory in which all colors are determined by adding three primary colors—red, green, and blue—at different levels of intensity. For example, adding all three primary colors at maximum intensity produces the color white, while adding any two of the three primary colors at maximum intensity produces the trio of complementary colors—yellow, magenta, and cyan.
b. RGB color values are based on classical color theory in which all colors are determined by adding three primary colors—red, green, and blue—at different levels of intensity. For example, adding all three primary colors at maximum intensity produces the color white, while adding any two of the three primary colors at maximum intensity produces the trio of complementary colors—yellow, magenta, and cyan.
c. RGB color values are based on classical color theory in which all colors are determined by adding three primary colors—red, green, and blue—at different levels of intensity. For example, adding all three primary colors at maximum intensity produces the color white, while adding any two of the three primary colors at maximum intensity produces the trio of complementary colors—yellow, magenta, and cyan.
d. RGB color values are based on classical color theory in which all colors are determined by adding three primary colors—red, green, and blue—at different levels of intensity. For example, adding all three primary colors at maximum intensity produces the color white, while adding any two of the three primary colors at maximum intensity produces the trio of complementary colors—yellow, magenta, and cyan.

POINTS: 1
DIFFICULTY: Moderate

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Tutorial 2: Getting Started with CSS

REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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45. Yellow is represented by the RGB triplet _____.
    a. (0, 0, 0)
    b. (255, 255, 0)
    c. (0, 255, 255)
    d. (255, 0, 255)

ANSWER: b
FEEDBACK:
    a. The color yellow could be represented either by the RGB triplet rgb(255,255,0) or more compactly as the hexadecimal #FFFF00.
    b. The color yellow could be represented either by the RGB triplet rgb(255,255,0) or more compactly as the hexadecimal #FFFF00.
    c. The color yellow could be represented either by the RGB triplet rgb(255,255,0) or more compactly as the hexadecimal #FFFF00.
    d. The color yellow could be represented either by the RGB triplet rgb(255,255,0) or more compactly as the hexadecimal #FFFF00.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:18 PM

46. Cascading Style Sheets (CSS) allow RGB values to be entered as _____.
    a. binaries
    b. hexadecimals
    c. WYSIWYG values
    d. RBG values

ANSWER: b
FEEDBACK:
    a. RGB values are sometimes expressed as hexadecimal numbers where a

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hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

b. RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

c. RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

d. RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:19 PM

47. In the hexadecimal numbering system, the number 16 is expressed as _____.

a. 1F
b. F
c. 10
d. 1

ANSWER: c
FEEDBACK:

a. The number 16 has a hexadecimal representation of 10, and a value of 255 has a hexadecimal representation of FF.

b. The number 16 has a hexadecimal representation of 10, and a value of 255 has a hexadecimal representation of FF.

c. The number 16 has a hexadecimal representation of 10, and a value of 255 has a hexadecimal representation of FF.

d. The number 16 has a hexadecimal representation of 10, and a value of 255 has a hexadecimal representation of FF.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS

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Tutorial 2: Getting Started with CSS

KEYWORDS: Bloom's: Understand
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48. In the hexadecimal numbering system, the number 21 is expressed as _____.

a. 1F
b. F
c. 15
d. F1

ANSWER: c

FEEDBACK:

a. In base 10 counting, numeric values are expressed using combinations of 10 characters (0 through 9). Hexadecimal numbering includes these ten numeric characters and six extra characters: A (for 10), B (for 11), C (for 12), D (for 13), E (for 14), and F (for 15). For values above 15, you use a combination of those 16 characters.
b. In base 10 counting, numeric values are expressed using combinations of 10 characters (0 through 9). Hexadecimal numbering includes these ten numeric characters and six extra characters: A (for 10), B (for 11), C (for 12), D (for 13), E (for 14), and F (for 15). For values above 15, you use a combination of those 16 characters.
c. In base 10 counting, numeric values are expressed using combinations of 10 characters (0 through 9). Hexadecimal numbering includes these ten numeric characters and six extra characters: A (for 10), B (for 11), C (for 12), D (for 13), E (for 14), and F (for 15). For values above 15, you use a combination of those 16 characters.
d. In base 10 counting, numeric values are expressed using combinations of 10 characters (0 through 9). Hexadecimal numbering includes these ten numeric characters and six extra characters: A (for 10), B (for 11), C (for 12), D (for 13), E (for 14), and F (for 15). For values above 15, you use a combination of those 16 characters.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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49. _____ is the tint of a color and is usually represented by a direction on a color wheel.

a. Hue
b. Saturation
c. Lightness

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d. Darkness

ANSWER: a

FEEDBACK:

a. Hue is the tint of the color and is usually represented by a direction on a color wheel.
b. Hue is the tint of the color and is usually represented by a direction on a color wheel.
c. Hue is the tint of the color and is usually represented by a direction on a color wheel.
d. Hue is the tint of the color and is usually represented by a direction on a color wheel.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:28 PM

50. _____ measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).

a. Hue
b. Saturation
c. Lightness
d. Darkness

ANSWER: b

FEEDBACK:

a. Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).
b. Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).
c. Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).
d. Saturation measures the intensity of the chosen color and ranges from 0% (no color) up to 100% (full color).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS

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KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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51. Color values using the HSL model are described in Cascading Style Sheets (CSS) 3 using _____.
    a. `#redgreenblue`
    b. `rgb(number)`
    c. `hsl (hue, saturation, lightness)`
    d. `hsl (hue, shadow, lightness, opacity)`

ANSWER: c

FEEDBACK:
    a. Color values using the HSL model are described in CSS3 using: hsl(hue, saturation, lightness), where hue is the tint of the color in degrees, saturation is the intensity in percent, and lightness is the brightness in percent of the color.
    b. Color values using the HSL model are described in CSS3 using: hsl(hue, saturation, lightness), where hue is the tint of the color in degrees, saturation is the intensity in percent, and lightness is the brightness in percent of the color.
    c. Color values using the HSL model are described in CSS3 using: hsl(hue, saturation, lightness), where hue is the tint of the color in degrees, saturation is the intensity in percent, and lightness is the brightness in percent of the color.
    d. Color values using the HSL model are described in CSS3 using: hsl(hue, saturation, lightness), where hue is the tint of the color in degrees, saturation is the intensity in percent, and lightness is the brightness in percent of the color.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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52. _____ measures the brightness of a color and ranges from 0% (black) up to 100% (white).
    a. Hue
    b. Saturation
    c. Lightness
    d. Darkness

ANSWER: c

FEEDBACK:
    a. Lightness measures the brightness of the color and ranges from 0% (black) up to 100% (white).
    b. Lightness measures the brightness of the color and ranges from 0% (black) up to 100% (white).
    c. Lightness measures the brightness of the color and ranges from 0% (black) up to

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100% (white).

d. Lightness measures the brightness of the color and ranges from 0% (black) up to 100% (white).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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53. Graphic designers consider _____ easier to use because it allows them to set the initial color based on hue and then fine-tune the saturation and lightness values.

a. HTML
b. CSS
c. HSL
d. HTM

ANSWER: c
FEEDBACK:

a. Graphic designers consider HSL easier to use because it allows them to set the initial color based on hue and then fine-tune the saturation and lightness values.
b. Graphic designers consider HSL easier to use because it allows them to set the initial color based on hue and then fine-tune the saturation and lightness values.
c. Graphic designers consider HSL easier to use because it allows them to set the initial color based on hue and then fine-tune the saturation and lightness values.
d. Graphic designers consider HSL easier to use because it allows them to set the initial color based on hue and then fine-tune the saturation and lightness values.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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54. _____ defines how solid a color appears.

a. Clarity

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b. Saturation
c. Lightness
d. Opacity

ANSWER: d

FEEDBACK:
a. Colors can also be semi-opaque by setting the color's opacity, which defines how solid the color appears.
b. Colors can also be semi-opaque by setting the color's opacity, which defines how solid the color appears.
c. Colors can also be semi-opaque by setting the color's opacity, which defines how solid the color appears.
d. Colors can also be semi-opaque by setting the color's opacity, which defines how solid the color appears.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:35 PM

55. How is background color defined in a Cascaded Style Sheets (CSS) file?
a. `@bgcolor "color";`
b. `@background="color";`
c. `background: color;`
d. `background-color: color;`

ANSWER: d

FEEDBACK:
a. CSS supports the following style to define the background color for each element on your page: background-color: color; where color is either a color value or a color name.
b. CSS supports the following style to define the background color for each element on your page: background-color: color; where color is either a color value or a color name.
c. CSS supports the following style to define the background color for each element on your page: background-color: color; where color is either a color value or a color name.
d. CSS supports the following style to define the background color for each element on your page: background-color: color; where color is either a color value or a color name.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS

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Tutorial 2: Getting Started with CSS

QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:38 PM

56. To set the text color of an element, use the following property:
    a. `text: color;`
    b. `forecolor: color;`
    c. `color: color;`
    d. `backcolor: color;`

ANSWER: c
FEEDBACK:
    a. CSS supports the following style to define the text color for each element on your page: color: color; where color is either a color value or a color name.
    b. CSS supports the following style to define the text color for each element on your page: color: color; where color is either a color value or a color name.
    c. CSS supports the following style to define the text color for each element on your page: color: color; where color is either a color value or a color name.
    d. CSS supports the following style to define the text color for each element on your page: color: color; where color is either a color value or a color name.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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57. A technique known as _____ places code conforming to older standards before newer properties, providing support for old browsers but still allowing newer standards and techniques to be used by the browsers that support them.
    a. progressive enhancement
    b. opacity enhancement
    c. analogic enhancement
    d. pseudo-class structuring

ANSWER: a
FEEDBACK:
    a. A technique known as progressive enhancement places code conforming to older standards before newer properties, providing support for old browsers but still

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allowing newer standards and techniques to be used by the browsers that support them.

b. A technique known as progressive enhancement places code conforming to older standards before newer properties, providing support for old browsers but still allowing newer standards and techniques to be used by the browsers that support them.

c. A technique known as progressive enhancement places code conforming to older standards before newer properties, providing support for old browsers but still allowing newer standards and techniques to be used by the browsers that support them.

d. A technique known as progressive enhancement places code conforming to older standards before newer properties, providing support for old browsers but still allowing newer standards and techniques to be used by the browsers that support them.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Employing Progressive Enhancement
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Employing Progressive Enhancement
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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58. The _____ color scheme uses three hues close to one another on the color wheel such that one color is the dominant color and the other two are supporting colors used only for highlights and nuance.

a. triad
b. tetrad
c. analogic
d. monochrome

ANSWER: c

FEEDBACK:

a. Basic color schemes you may want to apply to websites you design include the analogic scheme—three hues close to one another on the color wheel in which one color is the dominant color and the other two are supporting colors used only for highlights and nuance; this scheme lacks color contrasts and is not as vibrant as other color schemes.

b. Basic color schemes you may want to apply to websites you design include the analogic scheme—three hues close to one another on the color wheel in which one color is the dominant color and the other two are supporting colors used only for highlights and nuance; this scheme lacks color contrasts and is not as vibrant as other color schemes.

c. Basic color schemes you may want to apply to websites you design include the analogic scheme—three hues close to one another on the color wheel in which one color is the dominant color and the other two are supporting colors used only for highlights and nuance; this scheme lacks color contrasts and is not as vibrant as other color schemes.

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d. Basic color schemes you may want to apply to websites you design include the analogic scheme—three hues close to one another on the color wheel in which one color is the dominant color and the other two are supporting colors used only for highlights and nuance; this scheme lacks color contrasts and is not as vibrant as other color schemes.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Color in CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Progressive Enhancement
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:49 PM

59. To direct a style rule to specific elements, _____ can be used to match only those page elements that correspond to a specified pattern.

a. web fonts
b. pseudo-classes
c. descendant elements
d. selector patterns

ANSWER: d
FEEDBACK:

a. To direct a style rule to an element at a specific location, use selector patterns to match only those page elements that match a specified pattern.
b. To direct a style rule to an element at a specific location, use selector patterns to match only those page elements that match a specified pattern.
c. To direct a style rule to an element at a specific location, use selector patterns to match only those page elements that match a specified pattern.
d. To direct a style rule to an element at a specific location, use selector patterns to match only those page elements that match a specified pattern.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
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60. A _____ element is an element that contains one or more other elements, which are called child elements.

a. family
b. sibling
c. parent
d. descendant

ANSWER: c

FEEDBACK:

a. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
b. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
c. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
d. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 1:55 PM

61. Each child element may contain children of its own and so forth down the hierarchy, creating a set of _____ elements that are all descended from a common parent.

a. descendant
b. child
c. parent
d. sibling

ANSWER: a

FEEDBACK:

a. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
b. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.
c. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.

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d. Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within those child elements several levels of descendant elements.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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62. The style rule

```
* {color: blue;}
```

uses the asterisk (*) selector—also known as the _____ selector—to select all elements in a document.

a. character
b. text
c. wildcard
d. object

ANSWER: c
FEEDBACK:

a. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
b. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
c. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
d. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM

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63. _____ selectors are used to select elements based on elements that are adjacent to them in the document hierarchy.
    a. Parent
    b. Child
    c. Sibling
    d. Descendant

ANSWER: c

FEEDBACK:
    a. Sibling selectors select elements based on the elements that are adjacent to them in the document hierarchy.
    b. Sibling selectors select elements based on the elements that are adjacent to them in the document hierarchy.
    c. Sibling selectors select elements based on the elements that are adjacent to them in the document hierarchy.
    d. Sibling selectors select elements based on the elements that are adjacent to them in the document hierarchy.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:00 PM

64. Identify a contextual selector that matches any element.
    a. `%`
    b. `*`
    c. *elem*
    d. *elem1*, *elem2*, …

ANSWER: b

FEEDBACK:
    a. To match any element, use the wildcard selector with the * character.
    b. To match any element, use the wildcard selector with the * character.
    c. To match any element, use the wildcard selector with the * character.
    d. To match any element, use the wildcard selector with the * character.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

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Tutorial 2: Getting Started with CSS

LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:01 PM

65. Identify an attribute selector used to select an element based on its class value.
    a. `class: .intro.elem`
    b. *`elem.class`*
    c. *`elem#class`*
    d. *`class *elem`*

ANSWER: b
FEEDBACK:
    a. To select an element based on its class value, use the selector: elem.class where class is the value of the class attribute.
    b. To select an element based on its class value, use the selector: elem.class where class is the value of the class attribute.
    c. To select an element based on its class value, use the selector: elem.class where class is the value of the class attribute.
    d. To select an element based on its class value, use the selector: elem.class where class is the value of the class attribute.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.06 - Work with attribute selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:05 PM

66. Two attributes, _____, are often key in targeting styles to specific elements.
    a. `id` and `char`
    b. `id` and `class`
    c. `id` and `type`
    d. `id` and `elem`

ANSWER: b
FEEDBACK:
    a. Two attributes, id and class, are often key in targeting styles to specific elements.
    b. Two attributes, id and class, are often key in targeting styles to specific elements.
    c. Two attributes, id and class, are often key in targeting styles to specific elements.
    d. Two attributes, id and class, are often key in targeting styles to specific elements.

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POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.06 - Work with attribute selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:06 PM

67. Identify an attribute selector that recognizes groups of elements that share a similar characteristic or property.
    a. `id`
    b. `pseudo-element`
    c. `class`
    d. `list-style-position`

ANSWER: c
FEEDBACK:
    a. Because no two elements can share the same ID, HTML uses the class attribute to identify groups of elements that share a similar characteristic or property.
    b. Because no two elements can share the same ID, HTML uses the class attribute to identify groups of elements that share a similar characteristic or property.
    c. Because no two elements can share the same ID, HTML uses the class attribute to identify groups of elements that share a similar characteristic or property.
    d. Because no two elements can share the same ID, HTML uses the class attribute to identify groups of elements that share a similar characteristic or property.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.06 - Work with attribute selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:08 PM

68. Identify an attribute selector that selects all *elem* elements whose *att* attribute begins with *text*.
    a. `elem[att|="text"]`
    b. `elem[att^="text"]`
    c. `elem[att$="text"]`
    d. `elem[att~="text"]`

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ANSWER: b

FEEDBACK:

a. The selector elem [att^=”text”] selects all elem elements whose att attribute begins with text.
b. The selector elem [att^=”text”] selects all elem elements whose att attribute begins with text.
c. The selector elem [att^=”text”] selects all elem elements whose att attribute begins with text.
d. The selector elem [att^=”text”] selects all elem elements whose att attribute begins with text.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.06 - Work with attribute selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:12 PM

69. Which of the following attribute selectors selects all *elem* elements whose *att* attribute ends with *text*?

a. `elem[att*="text"]`
b. `elem[att^="text"]`
c. `elem[att|="text"]`
d. `elem[att$="text"]`

ANSWER: d

FEEDBACK:

a. The selector elem [att$=”text”] selects all elem elements whose att attribute ends with text.
b. The selector elem [att$=”text”] selects all elem elements whose att attribute ends with text.
c. The selector elem [att$=”text”] selects all elem elements whose att attribute ends with text.
d. The selector elem [att$=”text”] selects all elem elements whose att attribute ends with text.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.06 - Work with attribute selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand

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Tutorial 2: Getting Started with CSS

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70. Identify a generic font group that includes typefaces in which each character has the same width.

a. sans-serif
b. monospace
c. fantasy
d. cursive

ANSWER: b
FEEDBACK:

a. CSS supports several generic font groups, including monospace—a typeface in which each character has the same width, often used to display programming code.
b. CSS supports several generic font groups, including monospace—a typeface in which each character has the same width, often used to display programming code.
c. CSS supports several generic font groups, including monospace—a typeface in which each character has the same width, often used to display programming code.
d. CSS supports several generic font groups, including monospace—a typeface in which each character has the same width, often used to display programming code.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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71. A _____ typeface, which is best used in small doses for decorative page elements, mimics handwriting with highly stylized elements and flourishes.

a. serif
b. monospace
c. fantasy
d. cursive

ANSWER: d
FEEDBACK:

a. CSS supports several generic font groups, including cursive—a typeface that mimics handwriting with highly stylized elements and flourishes and that is best used in small doses for decorative page elements.
b. CSS supports several generic font groups, including cursive—a typeface that mimics handwriting with highly stylized elements and flourishes and that is best used in small doses for decorative page elements.

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c. CSS supports several generic font groups, including cursive—a typeface that mimics handwriting with highly stylized elements and flourishes and that is best used in small doses for decorative page elements.

d. CSS supports several generic font groups, including cursive—a typeface that mimics handwriting with highly stylized elements and flourishes and that is best used in small doses for decorative page elements.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 2:30 PM

72. A typeface in which a small ornamentation appears at the tail end of each character is called a _____ font.

a. sans-serif
b. serif
c. monospace
d. fantasy

ANSWER: b
FEEDBACK:

a. CSS supports several generic font groups, including serif—a typeface in which a small ornamentation appears at the tail end of each character.

b. CSS supports several generic font groups, including serif—a typeface in which a small ornamentation appears at the tail end of each character.

c. CSS supports several generic font groups, including serif—a typeface in which a small ornamentation appears at the tail end of each character.

d. CSS supports several generic font groups, including serif—a typeface in which a small ornamentation appears at the tail end of each character.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
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73. A general rule for printing is to use _____ fonts for headlines and serif fonts for body text.
    a. fantasy
    b. sans-serif
    c. monospace
    d. cursive

ANSWER: b

FEEDBACK:
    a. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.
    b. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.
    c. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.
    d. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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74. Which of the following is an example of a web safe font stack?
    a. Calibri
    b. Book Antiqua
    c. Bell MT
    d. Verdana

ANSWER: d

FEEDBACK:
    a. The challenge is to choose a font stack limited to web safe fonts, which are fonts that will be displayed in mostly the same way in all operating systems and on all devices. Figure 2-19 lists several commonly used web safe font stacks, which include Verdana.
    b. The challenge is to choose a font stack limited to web safe fonts, which are fonts that will be displayed in mostly the same way in all operating systems and on all devices. Figure 2-19 lists several commonly used web safe font stacks, which include Verdana.
    c. The challenge is to choose a font stack limited to web safe fonts, which are fonts that will be displayed in mostly the same way in all operating systems and on all devices. Figure 2-19 lists several commonly used web safe font stacks, which include Verdana.
    d. The challenge is to choose a font stack limited to web safe fonts, which are fonts that will be displayed in mostly the same way in all operating systems and on all

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devices. Figure 2-19 lists several commonly used web safe font stacks, which include Verdana.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.08 - Use a web font
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
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75. Identify a rule that should be added to a style sheet to access and load a web font.
    a. `@font-face`
    b. `font-style: type;`
    c. `aside: {font-family}`
    d. `@charset "utf-8";`

ANSWER: a
FEEDBACK:
    a. To access and load a web font, you add an @font-face rule to the style sheet.
    b. To access and load a web font, you add an @font-face rule to the style sheet.
    c. To access and load a web font, you add an @font-face rule to the style sheet.
    d. To access and load a web font, you add an @font-face rule to the style sheet.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.08 - Use a web font
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Understand
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76. Which of the following browsers supports the web font format “Embedded OpenType”?
    a. Safari
    b. Internet Explorer (IE)
    c. Chrome
    d. Firefox

ANSWER: b

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FEEDBACK:

a. Embedded OpenType (EOT) is a compact form of OpenType fonts designed for use as embedded fonts in style sheets and supported by Internet Explorer (IE).
b. Embedded OpenType (EOT) is a compact form of OpenType fonts designed for use as embedded fonts in style sheets and supported by Internet Explorer (IE).
c. Embedded OpenType (EOT) is a compact form of OpenType fonts designed for use as embedded fonts in style sheets and supported by Internet Explorer (IE).
d. Embedded OpenType (EOT) is a compact form of OpenType fonts designed for use as embedded fonts in style sheets and supported by Internet Explorer (IE).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.08 - Use a web font
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
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77. _____ units are specified in one of five standard units of measurement.

a. Relative
b. Absolute
c. Standard
d. Uppercase

ANSWER: b

FEEDBACK:

a. Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points), and pc (picas).
b. Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points), and pc (picas).
c. Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points), and pc (picas).
d. Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media. They are specified in one of five standard units of measurement: mm (millimeters), cm (centimeters), in (inches), pt (points), and pc (picas).

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Multiple Choice

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Tutorial 2: Getting Started with CSS

HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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78. _____ units express font size according to the size of other objects within a web page or to the display properties of the device in use.

a. Absolute
b. Relative
c. Standard
d. Output

ANSWER: b
FEEDBACK:

a. In place of absolute units, designers may use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.
b. In place of absolute units, designers may use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.
c. In place of absolute units, designers may use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.
d. In place of absolute units, designers may use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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79. A(n) _____ represents a single dot on an output device.

a. element
b. icon
c. link
d. pixel

ANSWER: d

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FEEDBACK:

a. The basic unit for most devices is the pixel (px), which represents a single dot on the output device.
b. The basic unit for most devices is the pixel (px), which represents a single dot on the output device.
c. The basic unit for most devices is the pixel (px), which represents a single dot on the output device.
d. The basic unit for most devices is the pixel (px), which represents a single dot on the output device.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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80. The _____ unit is the preferred style unit for web page text because it makes it easy to develop pages in which different page elements have consistent relative font sizes when viewed on any device.

a. in
b. ft
c. em
d. en

ANSWER: c

FEEDBACK:

a. The em unit is the preferred style unit for web page text because it makes it easy to develop pages in which different page elements have consistent relative font sizes when viewed on any device.
b. The em unit is the preferred style unit for web page text because it makes it easy to develop pages in which different page elements have consistent relative font sizes when viewed on any device.
c. The em unit is the preferred style unit for web page text because it makes it easy to develop pages in which different page elements have consistent relative font sizes when viewed on any device.
d. The em unit is the preferred style unit for web page text because it makes it easy to develop pages in which different page elements have consistent relative font sizes when viewed on any device.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles

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NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Understand
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81. Which type of relative unit is used to express length as a percentage of the width or height of a browser window?
    a. attribute unit
    b. viewport unit
    c. rem unit
    d. absolute unit

ANSWER: b
FEEDBACK:
    a. One relative unit is the viewport unit, with which lengths are expressed as a percentage of the width or height of the browser window.
    b. One relative unit is the viewport unit, with which lengths are expressed as a percentage of the width or height of the browser window.
    c. One relative unit is the viewport unit, with which lengths are expressed as a percentage of the width or height of the browser window.
    d. One relative unit is the viewport unit, with which lengths are expressed as a percentage of the width or height of the browser window.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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82. Identify a typographic attribute that measures the amount of space between characters.
    a. tracking
    b. dithering
    c. kerning
    d. pacing

ANSWER: c
FEEDBACK:
    a. Kerning sets the space between characters.
    b. Kerning sets the space between characters.
    c. Kerning sets the space between characters.
    d. Kerning sets the space between characters.
POINTS: 1

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Tutorial 2: Getting Started with CSS

DIFFICULTY: Easy
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Spacing and Indentation
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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83. _____ measures the amount of space between words.
a. Kerning
b. Tracking
c. Pacing
d. Dithering

ANSWER: b
FEEDBACK:
a. Tracking sets the space between words.
b. Tracking sets the space between words.
c. Tracking sets the space between words.
d. Tracking sets the space between words.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Spacing and Indentation
KEYWORDS: Bloom's: Remember
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84. The default value for both kerning and tracking is _____ pixels.
a. 8
b. 0
c. 2
d. 5

ANSWER: b
FEEDBACK:
a. The default value for both kerning and tracking is 0 pixels.
b. The default value for both kerning and tracking is 0 pixels.
c. The default value for both kerning and tracking is 0 pixels.

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d. The default value for both kerning and tracking is 0 pixels.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Space and Indentation
KEYWORDS: Bloom's: Understand
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85. Extending the first line of text to the left of a text block creates a _____ indent.
a. tracking
b. kerning
c. leading
d. hanging

ANSWER: d
FEEDBACK:
a. An indentation value can be negative, extending the first line to the left of the text block to create a hanging indent.
b. An indentation value can be negative, extending the first line to the left of the text block to create a hanging indent.
c. An indentation value can be negative, extending the first line to the left of the text block to create a hanging indent.
d. An indentation value can be negative, extending the first line to the left of the text block to create a hanging indent.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Space and Indentation
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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86. Which of the following properties is used to control the casing of text within an element?
a. `font-variant`
b. `text-transform`
c. `text-align`

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d. `font-style`

ANSWER: b

FEEDBACK:

a. To control the case of the text within an element, use the following text-transform property: text-transform: type; where type is capitalize, uppercase, lowercase, or none (to make no changes to the text case).

b. To control the case of the text within an element, use the following text-transform property: text-transform: type; where type is capitalize, uppercase, lowercase, or none (to make no changes to the text case).

c. To control the case of the text within an element, use the following text-transform property: text-transform: type; where type is capitalize, uppercase, lowercase, or none (to make no changes to the text case).

d. To control the case of the text within an element, use the following text-transform property: text-transform: type; where type is capitalize, uppercase, lowercase, or none (to make no changes to the text case).

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Font Styles
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Font Styles
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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87. Identify a property used to align text horizontally.

a. `text-align: alignment;`

b. `align-text: horizontal;`

c. `horizontal-align: alignment;`

d. `align-text: baseline;`

ANSWER: a

FEEDBACK:

a. To align the text horizontally, use the following text-align property: text-align: alignment; where alignment is left, right, center, or justify.

b. To align the text horizontally, use the following text-align property: text-align: alignment; where alignment is left, right, center, or justify.

c. To align the text horizontally, use the following text-align property: text-align: alignment; where alignment is left, right, center, or justify.

d. To align the text horizontally, use the following text-align property: text-align: alignment; where alignment is left, right, center, or justify.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Working with Font Styles
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

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LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Font Styles
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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88. The _____ value of the `vertical-align` property aligns the bottom of the element with the bottom of the text in a line.

a. `baseline`
b. `bottom`
c. `text-bottom`
d. `sub`

ANSWER: c

FEEDBACK:

a. The text-bottom value for the vertical-align property aligns the bottom of the element with the bottom of the text in the line.
b. The text-bottom value for the vertical-align property aligns the bottom of the element with the bottom of the text in the line.
c. The text-bottom value for the vertical-align property aligns the bottom of the element with the bottom of the text in the line.
d. The text-bottom value for the vertical-align property aligns the bottom of the element with the bottom of the text in the line.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Font Styles
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Font Styles
KEYWORDS: Bloom's: Understand
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89. Which of the following list styles should be applied to the ol element to display an unordered list with markers as shown below?

- Home
- Getting Started
- Scrapbooking Tips
- Supply List

a. `ul {list-style-type: none;}`
b. `ul {list-style-type: upper-greek;}`
c. `ul {list-style-type: circle;}`

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d. `ul {list-style-type: disc;}`

ANSWER: d

FEEDBACK:

a. To change the type of list marker or to prevent any display of a list marker, apply the following list-style-type property: list-style-type: type; where type is one of the markers described in Figure 2-31. The type disc represents a black circle (the default for unnumbered lists).

b. To change the type of list marker or to prevent any display of a list marker, apply the following list-style-type property: list-style-type: type; where type is one of the markers described in Figure 2-31. The type disc represents a black circle (the default for unnumbered lists).

c. To change the type of list marker or to prevent any display of a list marker, apply the following list-style-type property: list-style-type: type; where type is one of the markers described in Figure 2-31. The type disc represents a black circle (the default for unnumbered lists).

d. To change the type of list marker or to prevent any display of a list marker, apply the following list-style-type property: list-style-type: type; where type is one of the markers described in Figure 2-31. The type disc represents a black circle (the default for unnumbered lists).

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Formatting Lists
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.09 - Define list styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Formatting Lists
KEYWORDS: Bloom's: Understand
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90. Nested lists can be displayed in a(n) _____ style through the use of contextual selectors.

a. embedded
b. outline
c. hierarchy
d. tree

ANSWER: b

FEEDBACK:

a. Nested lists can be displayed in an outline style through the use of contextual selectors.

b. Nested lists can be displayed in an outline style through the use of contextual selectors.

c. Nested lists can be displayed in an outline style through the use of contextual selectors.

d. Nested lists can be displayed in an outline style through the use of contextual selectors.

POINTS: 1
DIFFICULTY: Moderate

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Tutorial 2: Getting Started with CSS

REFERENCES: Formatting Lists
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.09 - Define list styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Formatting Lists
KEYWORDS: Bloom's: Understand
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91. The style rule
`ul {list-style-image: url(redball.png);}`
displays items from _____ lists marked with the graphic image in the *redball.png* file.

a. ordered
b. unordered
c. unstructured
d. structured

ANSWER: b
FEEDBACK:
a. The following style rule displays items from unordered lists marked with the graphic image in the redball.png file: ul {list-style-image: url(redball.png);}
b. The following style rule displays items from unordered lists marked with the graphic image in the redball.png file: ul {list-style-image: url(redball.png);}
c. The following style rule displays items from unordered lists marked with the graphic image in the redball.png file: ul {list-style-image: url(redball.png);}
d. The following style rule displays items from unordered lists marked with the graphic image in the redball.png file: ul {list-style-image: url(redball.png);}
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Formatting Lists
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.09 - Define list styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Formatting Lists
KEYWORDS: Bloom's: Understand
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92. Identify a padding property used to set the width of the padding space.

a. `padding: font;`
b. `padding: pixel;`
c. `padding: style;`
d. `padding: size;`

ANSWER: d

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FEEDBACK:

a. To set the width of the padding space, use the following padding property: padding: size; where size is expressed in one of the CSS units of length or the keyword auto to let the browser automatically choose the padding.
b. To set the width of the padding space, use the following padding property: padding: size; where size is expressed in one of the CSS units of length or the keyword auto to let the browser automatically choose the padding.
c. To set the width of the padding space, use the following padding property: padding: size; where size is expressed in one of the CSS units of length or the keyword auto to let the browser automatically choose the padding.
d. To set the width of the padding space, use the following padding property: padding: size; where size is expressed in one of the CSS units of length or the keyword auto to let the browser automatically choose the padding.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Margins and Padding
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Margins and Padding
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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93. Which pseudo-class identifies the first descendant of the parent that matches the specified type?

a. `:first-of-type`
b. `:first-child`
c. `:only-of-type`
d. `:only-child`

ANSWER: a

FEEDBACK:

a. The :first-of-type pseudo-class matches the first descendant of the parent that matches the specified type.
b. The :first-of-type pseudo-class matches the first descendant of the parent that matches the specified type.
c. The :first-of-type pseudo-class matches the first descendant of the parent that matches the specified type.
d. The :first-of-type pseudo-class matches the first descendant of the parent that matches the specified type.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology

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Tutorial 2: Getting Started with CSS

TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Understand
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94. A _____ is a classification of an element based on its current status, position, or use in a document.
a. pseudo-class
b. pseudo-element
c. pseudo-text
d. pseudo-style

ANSWER: a
FEEDBACK:
a. A pseudo-class is a classification of an element based on its current status, position, or use in the document.
b. A pseudo-class is a classification of an element based on its current status, position, or use in the document.
c. A pseudo-class is a classification of an element based on its current status, position, or use in the document.
d. A pseudo-class is a classification of an element based on its current status, position, or use in the document.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Remember
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95. One type of pseudo-class is a(n) _____ pseudo-class in which the class can change state based on the actions of a user.
a. static
b. dynamic
c. structured
d. unstructured

ANSWER: b
FEEDBACK:
a. One type of pseudo-class is a dynamic pseudo-class in which the class can change state based on the actions of the user.
b. One type of pseudo-class is a dynamic pseudo-class in which the class can change state based on the actions of the user.
c. One type of pseudo-class is a dynamic pseudo-class in which the class can change state based on the actions of the user.
d. One type of pseudo-class is a dynamic pseudo-class in which the class can

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change state based on the actions of the user.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo Elements
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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96. The _____ pseudo-class represents the exact instant in which a link is activated.
    a. link
    b. visited
    c. active
    d. open-quote

ANSWER: c

FEEDBACK:
    a. The active pseudo-class is last in the list of hypertext pseudo-classes, representing the exact instant in which a link is activated.
    b. The active pseudo-class is last in the list of hypertext pseudo-classes, representing the exact instant in which a link is activated.
    c. The active pseudo-class is last in the list of hypertext pseudo-classes, representing the exact instant in which a link is activated.
    d. The active pseudo-class is last in the list of hypertext pseudo-classes, representing the exact instant in which a link is activated.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Space and Indentation
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/20/2019 4:19 PM

97. Which of the following dynamic pseudo-classes is applied when a link has not yet been visited by a user?
    a. `:link`
    b. `:nvisited`
    c. `:active`

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d. `:hover`

ANSWER: a

FEEDBACK:
a. The link pseudo-class represents a hypertext link that has not been visited yet.
b. The link pseudo-class represents a hypertext link that has not been visited yet.
c. The link pseudo-class represents a hypertext link that has not been visited yet.
d. The link pseudo-class represents a hypertext link that has not been visited yet.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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98. The _____ pseudo-class is to be used for a situation in which a user has moved the mouse pointer over a hypertext link prior to clicking the link.

a. active
b. root
c. link
d. hover

ANSWER: d

FEEDBACK:
a. The hover pseudo-class is used for the situation in which a user has moved the mouse pointer over a hypertext link prior to clicking the link.
b. The hover pseudo-class is used for the situation in which a user has moved the mouse pointer over a hypertext link prior to clicking the link.
c. The hover pseudo-class is used for the situation in which a user has moved the mouse pointer over a hypertext link prior to clicking the link.
d. The hover pseudo-class is used for the situation in which a user has moved the mouse pointer over a hypertext link prior to clicking the link.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Understand
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Tutorial 2: Getting Started with CSS

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99. A _____, another type of pseudo selector, is an object that exists only in the rendered page.
    a. pseudo-class
    b. pseudo-element
    c. pseudo-object
    d. pseudo-type

ANSWER: b

FEEDBACK:
    a. One type of pseudo selector is a pseudo-element, which is an object that exists only in the rendered page.
    b. One type of pseudo selector is a pseudo-element, which is an object that exists only in the rendered page.
    c. One type of pseudo selector is a pseudo-element, which is an object that exists only in the rendered page.
    d. One type of pseudo selector is a pseudo-element, which is an object that exists only in the rendered page.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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100. Identify a Cascading Style Sheets (CSS) selector that is used to select pseudo-elements.
    a. `element::pseudo-element`
    b. `element:pseudo-element`
    c. `element::"pseudo";`
    d. `element:"pseudo-element"`

ANSWER: a

FEEDBACK:
    a. Pseudo-elements can be selected using the following CSS selector: element::pseudo-element where element is an element from the HTML file and pseudo-element is the name of a CSS pseudo-element.
    b. Pseudo-elements can be selected using the following CSS selector: element::pseudo-element where element is an element from the HTML file and pseudo-element is the name of a CSS pseudo-element.
    c. Pseudo-elements can be selected using the following CSS selector: element::pseudo-element where element is an element from the HTML file and pseudo-element is the name of a CSS pseudo-element.
    d. Pseudo-elements can be selected using the following CSS selector: element::pseudo-element where element is an element from the HTML file and pseudo-element is the name of a CSS pseudo-element.

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Tutorial 2: Getting Started with CSS

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Using Pseudo-Classes and Pseudo-Elements
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.11 - Use pseudo-classes and pseudo-elements
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Using Pseudo-Classes and Pseudo-Elements
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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101. Identify the format to add new content before an element with Cascading Style Sheets (CSS).
    a. `element:before open-quote;`
    b. `element::before {content: open-quote;}`
    c. `element:before text;`
    d. `element::before {content: text;}`

ANSWER: d
FEEDBACK:
    a. New content can be added either before or after an element using the following before and after pseudo-elements: element::before {content: text;}and element::after {content: text;} where text is the content to be inserted into the rendered web page.
    b. New content can be added either before or after an element using the following before and after pseudo-elements: element::before {content: text;}and element::after {content: text;} where text is the content to be inserted into the rendered web page.
    c. New content can be added either before or after an element using the following before and after pseudo-elements: element::before {content: text;}and element::after {content: text;} where text is the content to be inserted into the rendered web page.
    d. New content can be added either before or after an element using the following before and after pseudo-elements: element::before {content: text;}and element::after {content: text;} where text is the content to be inserted into the rendered web page.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Generating Content with CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.12 - Insert page content with CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Generating Content with CSS
KEYWORDS: Bloom's: Understand
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102. Identify an element used for quoted material.

a. `a`
b. `q`
c. `wbr`
d. `content`

ANSWER: b

FEEDBACK:

a. The blockquote and q elements are used for quoted material.
b. The blockquote and q elements are used for quoted material.
c. The blockquote and q elements are used for quoted material.
d. The blockquote and q elements are used for quoted material.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Inserting Quotation Marks
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.12 - Insert page content with CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Inserting Quotation Marks
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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103. Decorative opening and closing quotation marks can be inserted using the _____ property.

a. `label`
b. `type`
c. `content`
d. `deco`

ANSWER: c

FEEDBACK:

a. The content of blockquote and q elements is usually placed in quotation marks and, while you can insert these quotation marks within the HTML file, you can also insert decorative opening and closing quotation marks using the content property with the following values: content: open-quote; and content: close-quote;
b. The content of blockquote and q elements is usually placed in quotation marks and, while you can insert these quotation marks within the HTML file, you can also insert decorative opening and closing quotation marks using the content property with the following values: content: open-quote; and content: close-quote;
c. The content of blockquote and q elements is usually placed in quotation marks and, while you can insert these quotation marks within the HTML file, you can also insert decorative opening and closing quotation marks using the content property with the following values: content: open-quote; and content: close-quote;
d. The content of blockquote and q elements is usually placed in quotation marks and, while you can insert these quotation marks within the HTML file, you can also insert decorative opening and closing quotation marks using the content property with the following values: content: open-quote; and content: close-quote;

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Tutorial 2: Getting Started with CSS

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Inserting Quotation Marks
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.12 - Insert page content with CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Inserting Quotation Marks
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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Case-Based Critical Thinking Questions

Case 3-1
Alex's woodworking shop is trying to design a web page with Cascading Style Sheets (CSS). Alex would like create the new design based on the latest elements and styles from Hypertext Markup Language (HTML) and CSS. He has created a few sample pages:

home.htm	---describes the business and contact information
Product.htm	---displays a list of product descriptions
Custom.htm	---displays a list of custom products

104. Alex wants to create styles that apply only to the HTML document in which they are created. Help Alex in selecting an appropriate style to be used for this purpose.

a. external style
b. inline style
c. embedded style
d. user-defined style

ANSWER: c
FEEDBACK:
a. Embedded styles are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
b. Embedded styles are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
c. Embedded styles are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.
d. Embedded styles are the styles placed within the HTML file itself. Embedded styles only apply to the HTML document in which they are created and are not accessible to other documents in the website.

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Introducing CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False

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Tutorial 2: Getting Started with CSS

PREFACE NAME: case 3-1
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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105. Suppose Alex forgot to create styles for any of his pages. Identify the style that would be applied to his pages.
   a. user-defined style
   b. external style
   c. user agent style
   d. view render style

ANSWER: c

FEEDBACK:
   a. The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself. In the absence of competing styles from other style sheets, browser styles are the ones applied to the web page.
   b. The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself. In the absence of competing styles from other style sheets, browser styles are the ones applied to the web page.
   c. The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself. In the absence of competing styles from other style sheets, browser styles are the ones applied to the web page.
   d. The first styles to be processed in rendering a website are the browser styles or user agent styles, built into the browser itself. In the absence of competing styles from other style sheets, browser styles are the ones applied to the web page.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Introducing CSS
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-1
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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106. Alex's product style rules can be imported into a single file by adding the command _____.
   a. `@import url (css.product);`
   b. `@import url (product.css);`
   c. `@import css (product.css);`
   d. `@import  (type: css url: product);`

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ANSWER: b

FEEDBACK:

a. One at-rule is the following @import used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.

b. One at-rule is the following @import used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.

c. One at-rule is the following @import used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.

d. One at-rule is the following @import used to import the contents of a style sheet file: @import url(url); where url is the URL of an external style sheet file.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Creating a Style Sheet
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-1
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Creating a Style Sheet
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
DATE MODIFIED: 9/23/2019 5:38 PM

Case-Based Critical Thinking Questions

Case 3-2
Terry is building a website and wants to have three main links called Home, Product Info, and Contact Us. She will create a hierarchy of page elements and revise the style sheets.

107. Terry has decided to display the text of all h1 headings found within the page header in green. The style rule applied should be _____.

a. `header h1 {shade: green;}`
b. `header h1 {green: shade;}`
c. `header h1 {green: color;}`
d. `header h1 {color: green;}`

ANSWER: d

FEEDBACK:

a. The following style rule sets the text color of h1 headings to green but only when those headings are nested somewhere within the header element: header h1 {color: green;}

b. The following style rule sets the text color of h1 headings to green but only when those headings are nested somewhere within the header element: header h1 {color: green;}

c. The following style rule sets the text color of h1 headings to green but only when those headings are nested somewhere within the header element: header h1 {color: green;}

d. The following style rule sets the text color of h1 headings to green but only when those headings are nested somewhere within the header element: header h1

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{color: green;}

POINTS: 1
DIFFICULTY: Challenging
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-2
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Style Rules
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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108. To apply a style to all elements in a document, Terry should use the _____ selector.

a. `e`
b. `f`
c. `*`
d. `+`

ANSWER: c

FEEDBACK:

a. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
b. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
c. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}
d. To match any element, use the wildcard selector with the * character. For example, the following style rule matches every child of the article element, setting the text color to blue: article > * {color: blue;}

POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-2
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
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109. If Terry decides to select all elements belonging to the main class, he should use the _____ selector.

a. `.main`
b. `p.main`
c. `#main.intro`
d. `main[href]`

ANSWER: a

FEEDBACK:

a. To apply the same style rule to all elements of a particular class, omit the element name. The following style rule displays the text of all elements from the intro class in blue: .intro {color: blue;}
b. To apply the same style rule to all elements of a particular class, omit the element name. The following style rule displays the text of all elements from the intro class in blue: .intro {color: blue;}
c. To apply the same style rule to all elements of a particular class, omit the element name. The following style rule displays the text of all elements from the intro class in blue: .intro {color: blue;}
d. To apply the same style rule to all elements of a particular class, omit the element name. The following style rule displays the text of all elements from the intro class in blue: .intro {color: blue;}

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-2
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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Case-Based Critical Thinking Questions

Case 3-3

Tim is creating a web page to display his poker club's set of rules. He has main categories and subcategories along with about a paragraph or more of explanation for each.

110. What type of font should Tim use for the body text of his page? He expects that users will often print it out.

a. serif
b. monospace
c. cursive
d. fantasy

ANSWER: a

FEEDBACK:

a. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.

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b. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.
c. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.
d. A general rule for printing is to use sans-serif fonts for headlines and serif fonts for body text.

POINTS: 1
DIFFICULTY: Challenging
REFERENCES: Working with Fonts
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-3
LEARNING OBJECTIVES: 02.08 - Use a web font
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Understand
DATE CREATED: 8/1/2019 1:35 PM
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111. Tim wants to display the subcategories in capital letters but does not want them to appear more important than the main categories, so he chooses small capital letters. Which style should he use?

a. `text-transform`
b. `font-transform`
c. `font-variant`
d. `text-variant`

ANSWER: c
FEEDBACK:

a. CSS supports variations of the text using the font-variant property: font-variant: type; where type is normal (for no variation) or small-caps (small capital letters).
b. CSS supports variations of the text using the font-variant property: font-variant: type; where type is normal (for no variation) or small-caps (small capital letters).
c. CSS supports variations of the text using the font-variant property: font-variant: type; where type is normal (for no variation) or small-caps (small capital letters).
d. CSS supports variations of the text using the font-variant property: font-variant: type; where type is normal (for no variation) or small-caps (small capital letters).

POINTS: 1
DIFFICULTY: Challenging
REFERENCES: Working with Font Styles
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-3
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Font Styles
KEYWORDS: Bloom's: Understand

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Tutorial 2: Getting Started with CSS

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112. Tim wants to align the top of an element with the top of the font of the surrounding content. Which value of the `vertical-align` property should he use?

a. `baseline`
b. `super`
c. `top`
d. `text-top`

ANSWER: d
FEEDBACK:
a. The text-top value of the vertical-align property aligns the top of the element with the top of the text in the line.
b. The text-top value of the vertical-align property aligns the top of the element with the top of the text in the line.
c. The text-top value of the vertical-align property aligns the top of the element with the top of the text in the line.
d. The text-top value of the vertical-align property aligns the top of the element with the top of the text in the line.

POINTS: 1
DIFFICULTY: Challenging
REFERENCES: Working with Font Styles
QUESTION TYPE: Multiple Choice
HAS VARIABLES: False
PREFACE NAME: case 3-3
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Font Styles
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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Completion

113. _____ styles are added as element attributes within a Hypertext Markup Language (HTML) document and thus apply to that element alone.

ANSWER: Inline
RATIONALE: At the highest order of precedence among styles are inline styles, which are added as attributes of specific elements within the HTML file.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Introducing CSS
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic

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Tutorial 2: Getting Started with CSS

LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Introducing CSS
KEYWORDS: Bloom's: Remember
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114. Cascading Style Sheets (CSS) support _____, which are numerical expressions that precisely describe colors.
ANSWER: color values
RATIONALE: CSS supports color values, in which the color is given by an exact numeric representation.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
DATE CREATED: 8/1/2019 1:35 PM
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115. Each color is represented by a set of numbers called a(n) _____ that represents the intensity of its red, green, and blue components.
ANSWER: RGB triplet
RATIONALE: CSS represents color intensities mathematically as a set of numbers called an RGB triplet, which has the format
`rgb(red, green, blue)`
where `red`, `green`, and `blue` are the intensities of the red, green, and blue components of the color.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Color in CSS
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.04 - Apply colors in CSS
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Color in CSS
KEYWORDS: Bloom's: Remember
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116. A(n) _____ number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.

ANSWER:	hexadecimal
RATIONALE:	RGB values are sometimes expressed as hexadecimal numbers where a hexadecimal number is a number expressed in the base 16 numbering system rather than in the commonly used base 10 system.
POINTS:	1
DIFFICULTY:	Easy
REFERENCES:	Working with Color in CSS
QUESTION TYPE:	Completion
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	02.04 - Apply colors in CSS
NATIONAL STANDARDS:	United States - BUSPROG: Technology
TOPICS:	Working with Color in CSS
KEYWORDS:	Bloom's: Remember
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117. The _____ color scheme uses two hues separated by 180° on the color wheel and is the most vibrant, offering the highest contrast and visual interest, but can be misused and might distract users from the page content.

ANSWER:	complementary
RATIONALE:	The complementary color scheme includes two hues separated by 180° on the color wheel; this color scheme is the most vibrant and offers the highest contrast and visual interest, but it can be misused and might distract users from the page content.
POINTS:	1
DIFFICULTY:	Moderate
REFERENCES:	Working with Color in CSS
QUESTION TYPE:	Completion
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	02.04 - Apply colors in CSS
NATIONAL STANDARDS:	United States - BUSPROG: Technology
TOPICS:	Exploring Progressive Enhancement
KEYWORDS:	Bloom's: Remember
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118. Each child element may contain children of its own and so forth down the hierarchy, creating a set of _____ that are all descended from a common parent.

ANSWER:	descendant elements
RATIONALE:	Context is based on the hierarchical structure of the document, which involves the relationships between a parent element containing one or more child elements and within

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those child elements several levels of descendant elements. A contextual selector relating a parent element to its descendants has the following pattern
`parent descendant { styles }`
where parent is a `parent` element, `descendant` is a descendant of that parent, and `styles` are styles applied to the descendant element.

POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
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119. _____ matches any element in the hierarchy.
ANSWER: *, The wildcard selector
RATIONALE: To match any element, use the wildcard selector with the * character.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Remember
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120. To select all elements with the class value run, the _____ attribute selector must be used.
ANSWER: .run
RATIONALE: To select an element based on its class value, use the selector
`elem.class`
where `class` is the value of the `class` attribute. Thus the following style rule displays the text of h1 headings from the intro class in blue:
```
h1.intro {color: blue;}
```
To apply the same style rule to all elements of a particular class, omit the element name. The following style rule displays the text of all elements from the intro class in blue:
```
.intro {color: blue;}
```

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POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Exploring Selector Patterns
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.05 - Use contextual selectors
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Exploring Selector Patterns
KEYWORDS: Bloom's: Understand
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121. A _____ font describes the general appearance of the characters in a text but does not specify any particular font definition file.
ANSWER: generic
RATIONALE: A generic font describes the general appearance of the characters in the text but does not specify any particular font definition file.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
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122. _____ is the art of designing the appearance of characters and letters on a page.
ANSWER: Typography
RATIONALE: Typography is the art of designing the appearance of characters and letters on a page.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts

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KEYWORDS: Bloom's: Remember
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123. _____ is a typeface without any serif ornamentation.
ANSWER: Sans-serif
sans-serif
RATIONALE: Sans-serif is a typeface without any serif ornamentation.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Fonts
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Fonts
KEYWORDS: Bloom's: Remember
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124. _____ units are units that are fixed in size regardless of the device rendering the web page.
ANSWER: Absolute
RATIONALE: Absolute units are units that are fixed in size regardless of the output device and are usually used only with printed media.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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125. To cope with the uncertainty about how their pages will be viewed, many web page designers opt to use _____ units, which are expressed relative to the size of other objects within the web page.
ANSWER: relative
RATIONALE: In place of absolute units, designers use relative units, which are expressed relative to the size of other objects within the web page or relative to the display properties of the device itself.

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POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: - Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Understand
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126. The text size is defined using the _____ property.
ANSWER: font-size
RATIONALE: An important consideration in typography is the text size, which is defined using the following `font-size` property
`font-size: size;`
where *`size`* is a length in a CSS unit of measurement.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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127. Since a page designer doesn't know the exact properties of a user's device, the common practice is to make the text _____ with all font sizes expressed relative to a default font size.
ANSWER: scalable
RATIONALE: Because the page designer doesn't know the exact properties of the user's device, the common practice is to make the text scalable with all font sizes expressed relative to a default font size.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Completion
HAS VARIABLES: False

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STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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128. When the _____ unit is used, all font sizes are expressed relative to the font size used in the `html` element.
ANSWER: rem
root em
RATIONALE: Some designers advocate using the rem or root em unit in which all font sizes are always expressed relative to the font size used in the `html` element.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Setting the Font Size
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.07 - Apply text and font styles
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Setting the Font Size
KEYWORDS: Bloom's: Remember
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129. _____, a typographic feature, measures the amount of space between lines of text.
ANSWER: Leading
RATIONALE: Leading sets the space between lines of text and is defined with the following `line-height` property
`line-height: size;`
where *`size`* is a value or a percentage of the font size of the text on the affected lines.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Space and Indentation
KEYWORDS: Bloom's: Remember
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130. _____, a typographic feature, measures the amount of space between words.
ANSWER: Tracking
RATIONALE: Kerning sets the space between characters, while tracking sets the space between words.
POINTS: 1
DIFFICULTY: Moderate
REFERENCES: Controlling Spacing and Indentation
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Space and Indentation
KEYWORDS: Bloom's: Understand
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131. Block-level elements like paragraphs or headings or lists follow the structure of the _____, in which the content is enclosed within a series of concentric boxes.
ANSWER: box model
RATIONALE: Block-level elements like paragraphs or headings or lists follow the structure of the box model, in which the content is enclosed within a series of nested boxes.
POINTS: 1
DIFFICULTY: Easy
REFERENCES: Working with Margins and Padding
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Working with Margins and Padding
KEYWORDS: Bloom's: Remember
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132. The _____ in the box model extends from the element’s content to a border.
ANSWER: padding space
RATIONALE: Block-level elements like paragraphs or headings or lists follow the structure of the box model, in which the content is enclosed within a series of nested boxes, including the padding space, which extends from the element’s content to the element’s border.
POINTS: 1
REFERENCES: Working with Margins and Padding

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QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.10 - Work with margins and padding space
KEYWORDS: Bloom's: Remember
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133. You can test your CSS code for possible errors by using a _____ provided by a web content management system or the W3C website.
ANSWER: validator
RATIONALE: As with your HTML code, you can submit your CSS style sheet for validation, either to a web content management system or to the validation site at the W3C. You decide to test your CSS code for possible errors by using a validator.
POINTS: 1
REFERENCES: Validating Your Style Sheet
QUESTION TYPE: Completion
HAS VARIABLES: False
STUDENT ENTRY MODE: Basic
LEARNING OBJECTIVES: 02.12 - Insert page content with CSS
KEYWORDS: Bloom's: Remember
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Matching

Identify the letters of the choices that best match the phrases or definitions.
a. Color value
b. RGB triplet
c. Style rule
d. Absolute units
e. Hexadecimal
f. Saturation
g. Relative units
h. Pixel
i. Tracking
j. Kerning
k. Leading
l. ems
DIFFICULTY: Easy
REFERENCES: Exploring Style Rules
Working with Color in CSS
Setting the Font Size
Controlling Spacing and Indentation

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QUESTION TYPE: Matching
HAS VARIABLES: False
LEARNING OBJECTIVES: 02.02 - Study different types of style sheets
02.04 - Apply colors in CSS
02.07 - Apply text and font styles
02.10 - Work with margins and padding space
NATIONAL STANDARDS: United States - BUSPROG: Technology
TOPICS: Controlling Spacing and Indentation
Exploring Style Rules
Setting the Font Size
Working with Color in CSS
KEYWORDS: Bloom's: Remember | Bloom's: Understand
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134. It defines the styles applied to an element or group of elements.
ANSWER: c
POINTS: 1

135. It is a numerical representation that precisely describes a color.
ANSWER: a
POINTS: 1

136. This group of numbers represents a color according to the intensity of its red, green, and blue components.
ANSWER: b
POINTS: 1

137. It is a number expressed in the base-16 numbering system.
ANSWER: e
POINTS: 1

138. It measures the intensity of a chosen color and ranges from 0% (no color) to 100% (full color).
ANSWER: f
POINTS: 1

139. They are the units expressed relative to the size of other objects within a web page.
ANSWER: g
POINTS: 1

140. They are specified in one of five standard units of measurement.
ANSWER: d
POINTS: 1

141. It represents a single dot on an output device.
ANSWER: h
POINTS: 1

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142. It is a relative measurement used to provide scalability.
ANSWER: l
POINTS: 1

143. It measures the amount of space between words.
ANSWER: i
POINTS: 1

144. It measures the amount of space between lines of text.
ANSWER: k
POINTS: 1

145. It measures the amount of space between characters.
ANSWER: j
POINTS: 1

Essay

146. Explain the styles to control some basic typographic attributes, such as kerning, tracking, and leading. Explain how a hanging indent is created.
ANSWER:

Kerning measures the amount of space between characters, while **tracking** measures the amount of space between words. The properties to control an element's kerning and tracking are

letter-spacing: *value*;
word-spacing: *value*;

where *value* is the size of space between individual letters or words. These sizes can be specified with the same units as used for font sizing. The default value for both kerning and tracking in 0 pixels. A positive value increases the letter and word spacing, while a negative value reduces the space between letters and words.

Leading measures the amount of space between lines of text and is set using the following `line-height` property:

```
line-height: size;
```

where *size* is a value or a percentage of the font size of the text on the affected lines. If no unit is specified, the size value represents the ratio of the line height to the font size. The default value is 1.2 or 1.2em so that the line height is 20% larger than the font size. By contrast, the following style sets the line height to twice the font size, making the text appear double-spaced:

```
line-height: 2em;
```

An additional way to control text spacing is to set the indentation for the first line of a text block by using the following `text-indent` property:

```
text-indent: size;
```

where size is expressed in absolute or relative units, or as a percentage of the width of the text block. For example, an indentation value of 5% indents the first line by 5% of the width of the block. The indentation value can be negative, extending the first line to the left of the text block to create a **hanging indent.**

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Tutorial 2: Getting Started with CSS

POINTS:	1
DIFFICULTY:	Moderate
REFERENCES:	Controlling Spacing and Indentation
QUESTION TYPE:	Essay
HAS VARIABLES:	False
STUDENT ENTRY MODE:	Basic
LEARNING OBJECTIVES:	02.10 - Work with margins and padding space
NATIONAL STANDARDS:	United States - BUSPROG: Technology
TOPICS:	Controlling Spacing and Indentation
KEYWORDS:	Bloom's: Understand
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