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MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Classify the fraction as proper or improper.

1) $\frac{5}{7}$

A) proper
B) improper

Answer: A

2) $\frac{39}{8}$

A) improper
B) proper

Answer: A

3) $\frac{5}{5}$

A) improper
B) proper

Answer: A

4) $\frac{1}{3}$

A) proper
B) improper

Answer: A

5) $\frac{3}{6}$

A) proper
B) improper

Answer: A

Provide an appropriate response.

6) The top term in a fraction is called the numerator.

A) True
B) False

Answer: A

7) The bottom term in a fraction is the divisor or the number that divides into the numerator.

A) True
B) False

Answer: A

8) The horizontal line that separates the numerator and the denominator is called the dividend.

A) True
B) False

Answer: B

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9) A proper fraction has a value greater than 1.
A) True
B) False
Answer: B

10) A fraction with a numerator that is less than the denominator is called an improper fraction.
A) True
B) False
Answer: B

11) An improper fraction has a value equal to or less than 1.
A) True
B) False
Answer: B

12) Before you can add or subtract fractions, they must have the same denominators.
A) True
B) False
Answer: A

Write the fraction as a whole or mixed number.

13) $\frac{74}{28}$

A) $1\frac{9}{14}$

B) $2\frac{9}{14}$

C) $3\frac{9}{14}$

D) $2\frac{5}{7}$

Answer: B

14) $\frac{76}{18}$

A) $5\frac{2}{9}$

B) $4\frac{2}{9}$

C) $4\frac{1}{3}$

D) $3\frac{2}{9}$

Answer: B

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15) $\frac{86}{16}$

A) $4\frac{3}{8}$

B) $5\frac{1}{2}$

C) $5\frac{3}{8}$

D) $6\frac{3}{8}$

Answer: C

16) $\frac{9}{9}$

A) 9
B) 0
C) 1
D) 99

Answer: C

17) $\frac{18}{3}$

A) 7

B) $6\frac{2}{3}$

C) 6
D) 5

Answer: C

18) $\frac{9}{4}$

A) $2\frac{3}{4}$

B) $3\frac{1}{4}$

C) $2\frac{1}{4}$

D) $1\frac{1}{4}$

Answer: C

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Solve the problem.

19) For every 100 shoppers in a bookstore, $603 dollars worth of books are sold. Express the number of dollars spent per shopper as a whole or mixed number.

A) $6\frac{3}{100}$

B) $6\frac{3}{10}$

C) $5\frac{3}{100}$

D) 6

Answer: A

Provide an appropriate response.

20) To change an improper fraction into a whole or mixed number, you need only divide the denominator by the numerator.

A) True
B) False

Answer: B

21) When an improper fraction is converted, if there is a remainder, it is a whole number.

A) True
B) False

Answer: B

22) When an improper fraction is converted, if there is a remainder, it is:

A) the numerator.
B) a whole number.
C) a prime number.
D) the denominator.

Answer: A

23) To convert mixed numbers to improper fractions you would:

A) none of these.
B) multiply the whole number times the numerator of the fraction and add the product to the original denominator.
C) multiply the whole number times the denominator of the fraction and add the whole number to the denominator.
D) multiply the whole number times the denominator of the fraction and add the product to the original numerator.

Answer: D

24) When converting mixed numbers to improper fractions, the denominator of the improper fraction will be the same as the _____ of the fractional part of the mixed number.

A) LCD
B) numerator
C) denominator
D) none of the above

Answer: C

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Write the whole or mixed number as an improper fraction.

25) $4\frac{6}{9}$

A) $\frac{11}{3}$

B) $\frac{10}{9}$

C) $\frac{43}{9}$

D) $\frac{14}{3}$

Answer: D

26) $16\frac{2}{3}$

A) $\frac{35}{3}$

B) $\frac{50}{3}$

C) 17

D) 6

Answer: B

27) $11\frac{7}{10}$

A) $\frac{18}{10}$

B) $\frac{117}{10}$

C) $\frac{77}{10}$

D) $\frac{127}{10}$

Answer: B

Provide an appropriate response.

28) An equivalent number is a converted whole or mixed number that has the same numerical value as the original fraction.

A) True

B) False

Answer: A

29) In converting mixed numbers to improper fractions, the numerator of the improper fraction will be the same as the numerator of the fractional part of the mixed number.

A) True

B) False

Answer: B

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30) To convert mixed numbers to improper fractions, multiply the whole number times the denominator of the fraction and add the product to the original denominator.

A) True

B) False

Answer: B

Reduce to lowest terms.

31) $\frac{8}{10}$

A) $\frac{4}{5}$

B) $\frac{8}{5}$

C) $\frac{5}{4}$

D) $\frac{4}{10}$

Answer: A

32) $\frac{9}{12}$

A) $\frac{4}{5}$

B) $\frac{6}{8}$

C) $\frac{3}{12}$

D) $\frac{3}{4}$

Answer: D

33) $\frac{70}{80}$

A) $\frac{70}{80}$

B) $\frac{7}{8}$

C) $\frac{7}{10}$

D) $\frac{10}{8}$

Answer: B

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Solve the problem.

34) A Fortune 500 company reported profits of approximately $330 million with approximately $440 million in revenues. Compare the profit to revenue by writing as a fraction in lowest terms.

A) $\frac{4}{3}$

B) $\frac{331}{441}$

C) $\frac{3}{4}$

D) $\frac{439}{329}$

Answer: C

Find the greatest common divisor (GCD) for the following then simplify the fraction.

35) $\frac{12}{30}$

A) GCD $= 7; \frac{2}{5}$

B) GCD $= 5; \frac{5}{2}$

C) GCD $= 6; \frac{2}{5}$

D) GCD $= 6; \frac{5}{2}$

Answer: C

Provide an appropriate response.

36) After fractions have been added, subtracted, multiplied, or divided, the fraction in the answer should be increased to its highest terms.

A) True
B) False

Answer: B

37) If you multiply or divide both parts of a fraction by the same nonzero number, the value of the fraction does not change.

A) True
B) False

Answer: A

38) A fraction is in lowest terms when there is no number that can be divided evenly into the numerator and denominator.

A) True
B) False

Answer: A

39) The letters GCD stand for Greatest Common Divisor.

A) True
B) False

Answer: A

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40) The greatest common divisor can be zero.
A) True
B) False
Answer: B

41) Fractions should never be reduced to their lowest terms.
A) True
B) False
Answer: B

42) To reduce a fraction to its lowest terms:
A) subtract the same number from the numerator and the denominator.
B) add the same number to the numerator and the denominator.
C) divide the numerator and the denominator by the same number.
D) multiply the numerator and the denominator by the same number.
Answer: C

43) The largest possible number that will divide equally into 2 or more other numbers is called the:
A) least common denominator.
B) greatest common divisor.
C) denominator.
D) numerator.
Answer: B

Change the fraction to an equivalent fraction with the given denominator.

44) $\frac{3}{7} = \frac{?}{21}$

A) $\frac{11}{21}$

B) $\frac{9}{21}$

C) $\frac{21}{21}$

D) $\frac{6}{21}$

Answer: B

45) $\frac{2}{3} = \frac{?}{9}$

A) $\frac{2}{9}$

B) $\frac{0}{9}$

C) $\frac{6}{9}$

D) $\frac{9}{9}$

Answer: C

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Provide an appropriate response.

46) You can rewrite a fraction to higher terms by adding the numerator and the denominator.

A) True

B) False

Answer: B

47) Raising a fraction to higher terms changes the value of the fraction.

A) True

B) False

Answer: B

Perform the indicated operation. Write the sum as a fraction, whole number, or mixed number in lowest terms.

48) $\frac{2}{14} + \frac{1}{14} + \frac{6}{14}$

A) $\frac{12}{14}$

B) $\frac{9}{42}$

C) $\frac{12}{2744}$

D) $\frac{9}{14}$

Answer: D

49) $\frac{6}{7} + \frac{1}{7}$

A) $\frac{7}{14}$

B) $\frac{1}{2}$

C) $\frac{7}{7}$

D) 1

Answer: D

50) $\frac{1}{9} + \frac{5}{9}$

A) $\frac{1}{3}$

B) $\frac{2}{3}$

C) $\frac{3}{4}$

D) $\frac{1}{2}$

Answer: B

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51) $\frac{3}{7} + \frac{3}{7}$

A) $\frac{7}{8}$

B) $\frac{6}{7}$

C) $\frac{5}{6}$

D) $\frac{5}{7}$

Answer: B

Find the difference. Write the difference in lowest terms.

52) $\frac{7}{9} - \frac{6}{9}$

A) $\frac{1}{9}$

B) $\frac{13}{9}$

C) $\frac{1}{18}$

D) $\frac{14}{3}$

Answer: A

53) $\frac{2}{28} - \frac{1}{28}$

A) $\frac{1}{14}$

B) $\frac{3}{28}$

C) $\frac{1}{28}$

D) $\frac{1}{56}$

Answer: C

Provide an appropriate response.

54) A prime number is any number larger than 1 that is divisible only by itself and 1.

A) True

B) False

Answer: A

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55) Which of the following statements is correct?
A) a prime number can be divided only by 1 and itself
B) none of these
C) prime numbers are also known as least common denominators
D) prime numbers are the reciprocals of fractions

Answer: A

56) Which of the following is not a prime number?
A) 29
B) 9
C) 41
D) 19

Answer: B

57) Before fractions may be added or subtracted, they must all have the same:
A) divisor
B) denominator
C) numerator
D) dividend

Answer: B

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

58) When you add or subtract fractions, you must first change the fractions so that they have the same _____.

Answer: denominator

59) When you add fractions with the same denominator, you add the _____ and then place that number over the denominator and _____ to the lowest terms.

Answer: numerators, reduce

60) When you subtract fractions with the same denominator, you simply subtract the _____, place the difference over the denominator, and reduce to the lowest terms.

Answer: numerators

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Perform the indicated operation. Write the sum as a fraction, whole number, or mixed number in lowest terms.

61) $\frac{3}{5} + \frac{2}{25}$

A) $\frac{86}{125}$

B) $\frac{1}{6}$

C) $\frac{1}{5}$

D) $\frac{17}{25}$

Answer: D

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62) $\frac{1}{2} + \frac{1}{8}$

A) $\frac{1}{5}$

B) $\frac{1}{4}$

C) $\frac{5}{8}$

D) $\frac{11}{16}$

Answer: C

63) $\frac{3}{4} + \frac{3}{20}$

A) $\frac{3}{2}$

B) $\frac{9}{10}$

C) $\frac{1}{4}$

D) $\frac{3}{10}$

Answer: B

64) $7\frac{8}{9} + 7\frac{4}{9}$

A) $15\frac{1}{3}$

B) $14\frac{12}{9}$

C) $14\frac{1}{3}$

D) $14\frac{8}{9}$

Answer: A

65) $20\frac{2}{5} + 12\frac{1}{9}$

A) $32\frac{23}{45}$

B) $31\frac{23}{45}$

C) $33\frac{23}{45}$

D) $20\frac{23}{45}$

Answer: A

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66) $20\frac{8}{9} + 1\frac{1}{9} + 7\frac{4}{9}$

A) $29\frac{4}{9}$

B) 29

C) $30\frac{4}{9}$

D) $28\frac{4}{9}$

Answer: A

67) $16\frac{2}{3} + 2\frac{1}{3} + \frac{4}{5}$

A) $18\frac{4}{5}$

B) $20\frac{4}{5}$

C) $19\frac{4}{5}$

D) $19\frac{1}{2}$

Answer: C

68) $9\frac{2}{3} + 15\frac{1}{2} + \frac{1}{4}$

A) $24\frac{5}{12}$

B) $25\frac{5}{12}$

C) $25\frac{1}{2}$

D) $26\frac{5}{12}$

Answer: B

69) $6\frac{1}{8} + 4\frac{1}{16} + 6\frac{1}{8}$

A) $16\frac{3}{128}$

B) $16\frac{3}{32}$

C) $16\frac{3}{16}$

D) $16\frac{5}{16}$

Answer: D

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70) $1\frac{1}{6} + 2\frac{1}{12} + 2\frac{1}{3}$

A) $5\frac{17}{12}$

B) $5\frac{7}{12}$

C) $6\frac{7}{12}$

D) $5\frac{1}{6}$

Answer: B

71) $5\frac{1}{3} + 6\frac{1}{3} + 3\frac{5}{9}$

A) $14\frac{2}{9}$

B) $14\frac{4}{9}$

C) $15\frac{2}{9}$

D) $15\frac{2}{27}$

Answer: C

72) $3\frac{1}{2} + 2\frac{5}{6} + 3\frac{4}{5}$

A) $10\frac{32}{15}$

B) $8\frac{10}{13}$

C) $10\frac{2}{15}$

D) $128\frac{2}{15}$

Answer: C

Provide an appropriate response.

73) The least common denominator of $\frac{3}{8}$, $\frac{1}{4}$, and $\frac{7}{32}$ is:

A) 64
B) 8
C) 32
D) 16

Answer: C

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74) The least common denominator of $\frac{1}{3}, \frac{5}{12}, \frac{5}{6}$, and $\frac{3}{4}$ is:

A) 3
B) 6
C) 12
D) 4

Answer: C

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

75) When adding fractions with different denominators, you must first find the _____.

Answer: Least Common Denominator

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Find the difference. Write the difference in lowest terms.

76) $\frac{1}{5} - \frac{1}{14}$

A) $\frac{9}{5}$

B) $\frac{9}{70}$

C) $\frac{1}{5}$

D) $\frac{1}{70}$

Answer: B

77) $\frac{6}{7} - \frac{1}{8}$

A) $\frac{5}{7}$

B) $\frac{41}{56}$

C) $\frac{41}{7}$

D) $\frac{5}{56}$

Answer: B

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78) $16\frac{5}{9} - 3\frac{1}{9}$

A) $13\frac{1}{3}$

B) $13\frac{2}{3}$

C) $19\frac{4}{9}$

D) $13\frac{4}{9}$

Answer: D

79) $11\frac{1}{7} - 8\frac{2}{7}$

A) $2\frac{5}{7}$

B) $19\frac{6}{7}$

C) $2\frac{6}{7}$

D) $18\frac{6}{7}$

Answer: C

80) $10\frac{4}{5} - 5\frac{1}{2}$

A) $5\frac{7}{10}$

B) $5\frac{1}{2}$

C) $4\frac{7}{10}$

D) $5\frac{3}{10}$

Answer: D

81) $13 - 5\frac{2}{3}$

A) $12\frac{1}{3}$

B) $8\frac{2}{3}$

C) $7\frac{1}{3}$

D) $8\frac{1}{3}$

Answer: C

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82) $12\frac{8}{11} - 4$

A) $92\frac{8}{11}$

B) $\frac{8}{11}$

C) $8\frac{8}{11}$

D) $12\frac{4}{11}$

Answer: C

Solve the problem.

83) Ellen is knitting a scarf with one 5–inch blue stripe, one 5–inch green stripe, and one $2\frac{4}{7}$–inch white stripe. How wide is the scarf?

A) $\frac{7}{88}$ in.

B) $\frac{14}{53}$ in.

C) $3\frac{11}{14}$ in.

D) $12\frac{4}{7}$ in.

Answer: D

84) While shopping for a party, June bought $1\frac{2}{3}$ pounds of hamburger, 6 pounds of chicken, and $2\frac{1}{4}$ pounds of ham. How much meat did she buy?

A) $\frac{17}{46}$ lb

B) $9\frac{11}{12}$ lb

C) $2\frac{12}{17}$ lb

D) $\frac{12}{119}$ lb

Answer: B

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85) A laminated lab bench has $1\frac{3}{7}$ inches of plywood, $1\frac{1}{2}$ inches of pressed board, and $\frac{7}{15}$ inch of formica. What is the thickness of the lab bench?

A) $1\frac{3}{23}$ in.

B) $\frac{23}{26}$ in.

C) $\frac{210}{713}$ in.

D) $3\frac{83}{210}$ in.

Answer: D

86) To obtain a certain shade of paint, Peter mixed $2\frac{4}{5}$ gallons of white paint with $1\frac{3}{8}$ gallons of brown and $3\frac{1}{3}$ gallons of blue paint. How much paint did he have?

A) $\frac{16}{35}$ gal

B) $2\frac{3}{16}$ gal

C) $7\frac{61}{120}$ gal

D) $\frac{120}{901}$ gal

Answer: C

87) Jeff studied math for $1\frac{1}{9}$ hours, history for $6\frac{2}{3}$ hours, and physics for $2\frac{1}{4}$ hours. How long did he study?

A) $\frac{36}{361}$ hr

B) $10\frac{1}{36}$ hr

C) $\frac{5}{12}$ hr

D) $2\frac{2}{5}$ hr

Answer: B

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88) Peter must practice the piano $4\frac{2}{3}$ hours per week. He has already practiced $2\frac{3}{5}$ hours. How many more hours does he need to practice?

A) $3\frac{7}{8}$ hr

B) $\frac{1}{8}$ hr

C) $\frac{1}{15}$ hr

D) $2\frac{1}{15}$ hr

Answer: D

89) A nail $4\frac{3}{4}$ inches long is driven into a board $3\frac{1}{5}$ inches thick. How much of the nail protrudes from the other side of the board?

A) $\frac{3}{20}$ in.

B) $\frac{1}{3}$ in.

C) $3\frac{4}{9}$ in.

D) $1\frac{11}{20}$ in.

Answer: D

90) Jake wants to work $5\frac{1}{2}$ hours at his part–time job this week. He has already worked $2\frac{1}{4}$ hours. How many more hours does he need to work?

A) $\frac{1}{4}$ hr

B) $3\frac{1}{4}$ hr

C) $4\frac{1}{3}$ hr

D) $\frac{1}{3}$ hr

Answer: B

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91) There were $9\frac{1}{2}$ yards of fabric on a bolt. After a customer bought $5\frac{1}{3}$ yards of fabric, how many yards were left?

A) $3\frac{1}{7}$ yd

B) $7\frac{1}{7}$ yd

C) $1\frac{5}{6}$ yd

D) $4\frac{1}{6}$ yd

Answer: D

92) A tank contains $1\frac{4}{5}$ gallons of water. Its capacity is $5\frac{2}{3}$ gallons. How much more water is needed to fill it?

A) $\frac{8}{15}$ gal

B) $7\frac{1}{4}$ gal

C) 1 gal

D) $3\frac{13}{15}$ gal

Answer: D

93) Brian was training to run a marathon. During the three–day period before the race he decided that he would train for a total of 12 hours. If he trained for $2\frac{3}{5}$ hours on the first day and $3\frac{7}{10}$ hours on the second day, how many hours would he need to train on the third day?

A) 6 hr

B) $5\frac{4}{5}$ hr

C) $6\frac{7}{10}$ hr

D) $5\frac{7}{10}$ hr

Answer: D

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Find the product.

94) $\frac{5}{6} \times \frac{1}{4}$

A) $\frac{5}{24}$

B) $\frac{3}{5}$

C) $\frac{1}{4}$

D) $\frac{3}{10}$

Answer: A

95) $\frac{2}{3} \times \frac{3}{7}$

A) $\frac{9}{16}$

B) $\frac{2}{21}$

C) $\frac{9}{14}$

D) $\frac{2}{7}$

Answer: D

96) $2\frac{2}{5} \times \frac{1}{8}$

A) $\frac{3}{10}$

B) $2\frac{2}{40}$

C) $\frac{1}{10}$

D) $2\frac{3}{10}$

Answer: A

97) $23\frac{1}{3} \times 2\frac{1}{7}$

A) 48

B) 51

C) $46\frac{1}{21}$

D) 50

Answer: D

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98) $5\frac{2}{5} \times 1\frac{2}{3}$

A) 9
B) 3
C) 5
D) 8

Answer: A

99) $2\frac{2}{3} \times 3\frac{3}{8}$

A) 7
B) $8\frac{1}{4}$
C) 9
D) $6\frac{1}{4}$

Answer: C

100) $3\frac{3}{5} \times 2\frac{1}{10}$

A) $12\frac{3}{50}$
B) $6\frac{9}{25}$
C) $6\frac{3}{50}$
D) $7\frac{14}{25}$

Answer: D

101) $5 \times \frac{1}{5}$

A) $\frac{5}{25}$
B) 25
C) $\frac{1}{25}$
D) 1

Answer: D

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102) $\frac{1}{5} \times 10$

A) 2

B) $\frac{10}{50}$

C) 50

D) $\frac{1}{50}$

Answer: A

Provide an appropriate response.

103) When you multiply or divide fractions, you must first find the common denominator.

A) True

B) False

Answer: B

104) When multiplying two proper fractions, the product:

A) is always greater than 1

B) is always a proper fraction

C) has a value between the two fractions

D) has a value equal to 1

Answer: B

105) Reducing before multiplying:

A) is an alternative method for multiplying fractions

B) raises fractions to their highest terms

C) results in multiplying a number evenly times the top and bottom of a fraction or fractions

D) has a definite set of rules

Answer: A

106) When you multiply fractions, you do not have to use:

A) products

B) quotients

C) reciprocals

D) none of these

Answer: C

Find the reciprocal.

107) $\frac{5}{8}$

A) 8

B) $\frac{1}{5}$

C) $\frac{8}{5}$

D) $\frac{8}{1}$

Answer: C

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108) $\frac{1}{8}$

A) 8
B) 1
C) 0
D) $\frac{1}{8}$

Answer: A

109) $\frac{1}{19}$

A) 19
B) 0
C) $\frac{1}{19}$
D) 1

Answer: A

110) 8

A) 1
B) $\frac{8}{1}$
C) $\frac{1}{8}$
D) 8

Answer: C

111) 18

A) 1
B) 18
C) $\frac{18}{1}$
D) $\frac{1}{18}$

Answer: D

112) $2\frac{5}{6}$

A) $\frac{1}{6}$
B) $\frac{17}{6}$
C) $\frac{6}{17}$
D) $\frac{1}{17}$

Answer: C

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Provide an appropriate response.

113) Multiplication and division of fractions are totally dissimilar activities requiring separate skills.

A) True
B) False

Answer: B

114) The following two numbers are considered to be reciprocals: $\frac{27}{8}$ and $\frac{8}{27}$.

A) True
B) False

Answer: A

115) If the product of two numbers is 1, they are said to be:

A) mixed numbers.
B) unequal.
C) reciprocals.
D) quotients.

Answer: C

116) The reciprocal is used:

A) in dividing fractions
B) in dividing whole numbers
C) in multiplying fractions
D) to replace the cancellation method

Answer: A

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

117) Two numbers are _____ if their product is 1 after being multiplied.

Answer: reciprocals

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Find the quotient.

118) $\frac{4}{5} \div \frac{6}{7}$

A) $\frac{24}{35}$

B) $\frac{14}{15}$

C) $1\frac{1}{14}$

D) $1\frac{11}{24}$

Answer: B

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119) $\frac{1}{7} \div \frac{5}{7}$

A) 1
B) 5
C) 315
D) $\frac{1}{5}$

Answer: D

120) $\frac{5}{6} \div \frac{1}{5}$

A) $\frac{1}{6}$

B) $\frac{6}{11}$

C) $\frac{5}{6}$

D) $4\frac{1}{6}$

Answer: D

121) $\frac{5}{6} \div 2\frac{2}{3}$

A) $\frac{9}{20}$

B) $2\frac{2}{9}$

C) $3\frac{1}{5}$

D) $\frac{5}{16}$

Answer: D

122) $3\frac{4}{5} \div 1\frac{3}{8}$

A) $3\frac{42}{55}$

B) $2\frac{43}{55}$

C) $2\frac{42}{54}$

D) $2\frac{42}{55}$

Answer: D

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Provide an appropriate response.

123) To divide by a fraction, divide the dividend by the reciprocal of the dividend.

A) True
B) False

Answer: B

124) The reciprocal is not used in dividing fractions.

A) True
B) False

Answer: B

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

125) When you multiply or divide fractions, you do not have to find the _____.

Answer: common denominator

126) The division of a fraction also involves the operation of _____.

Answer: multiplication

127) To divide by a fraction, _____ the dividend by the _____ of the divisor.

Answer: multiply, reciprocal

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Solve the problem.

128) A small company sells stock for $7\frac{5}{8}$ dollars per share. How much will 296 shares cost?

A) $38\frac{50}{61}$ dollars
B) 2257 dollars
C) 259 dollars
D) 264 dollars

Answer: B

129) How many pieces of wire $7\frac{3}{4}$ inches long can be cut from a 52 inch piece of wire? Round answer to the nearest piece of wire.

A) 94 pieces
B) 403 pieces
C) 6 pieces
D) None of these

Answer: C

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130) Tim needs to apply $3\frac{3}{4}$ gallons of herbicide per acre of soybeans. How many gallons of herbicide are needed for 220 acres?

A) $165\frac{3}{4}$ gallons

B) 825 gallons

C) $58\frac{2}{3}$ gallons

D) 168 gallons

Answer: B

131) On a certain map, 1 inch equals 40 miles. How many miles are in $4\frac{1}{4}$ inches?

A) $9\frac{7}{17}$ miles

B) 41 miles

C) $40\frac{1}{4}$ miles

D) 170 miles

Answer: D

132) A technician has readings that take $1\frac{1}{3}$ minutes each to read and record. How many readings can be completed in 60 minutes?

A) 80 readings

B) 21 readings

C) 7 readings

D) 45 readings

Answer: D

133) The floor of a rectangular room is to be tiled with $\frac{1}{3}$ foot square tiles along a $7\frac{1}{4}$ foot wall. How many tiles will be needed along the wall?

A) $21\frac{1}{4}$ tiles

B) $21\frac{3}{4}$ tiles

C) 23 tiles

D) $2\frac{5}{12}$ tiles

Answer: B

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