Math for Machinists 1st edition Huth Test Bank

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Unit 1 Number Systems

MULTIPLE CHOICE

1. The Arabic number system is commonly known as the ____ system.
   A. concrete number
   B. decimal number
   C. unit
   D. All of the above.

   ANS: B PTS: 1

2. When using numbers for calculations, it is important they are ____.
   A. positive numbers
   B. negative numbers
   C. the same units
   D. concrete numbers

   ANS: C PTS: 1

3. Abstract numbers do *not* contain ____.
   A. units
   B. decimals
   C. negative numbers
   D. a zero

   ANS: A PTS: 1

4. When zero is used on a number line, it is displayed at the ____.
   A. most negative position
   B. center
   C. most positive position
   D. None of the above.

   ANS: B PTS: 1

5. What is an example of a denominate number?
   A. 27 inches
   B. 3.38
   C. 7/23
   D. 574

   ANS: A PTS: 1

6. What number is three digits left of zero on the number line?
   A. –1.5
   B. 1.5
   C. –3
   D. 3

   ANS: D PTS: 1

TRUE/FALSE

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7. Commas change the value of a number.

   ANS: F PTS: 1

8. If weight is tied to a balloon, the weight is applying a negative force.

   ANS: T PTS: 1

9. Moving to the right on a number line is a positive direction.

   ANS: T PTS: 1

10. Using a number line starting on a positive number and moving left is a positive direction.

    ANS: F PTS: 1

COMPLETION

11. A decimal number system uses numbers from 0 to _____.

    ANS: nine

    PTS: 1

12. To make large numbers easier to read, a comma is placed after every three positions to the _____.

    ANS: left

    PTS: 1

13. Moving to the left on a number line is a(n) _____ direction.

    ANS: negative

    PTS: 1

14. Any concrete or denominate number includes a system of _____.

    ANS: units

    PTS: 1

15. Negative 3 is _____ numbers more negative than positive 4.

    ANS: seven

    PTS: 1

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