

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. $\frac{7}{23}$
 - 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

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