Test Bank for Math for Machinists 1st Edition by Huth
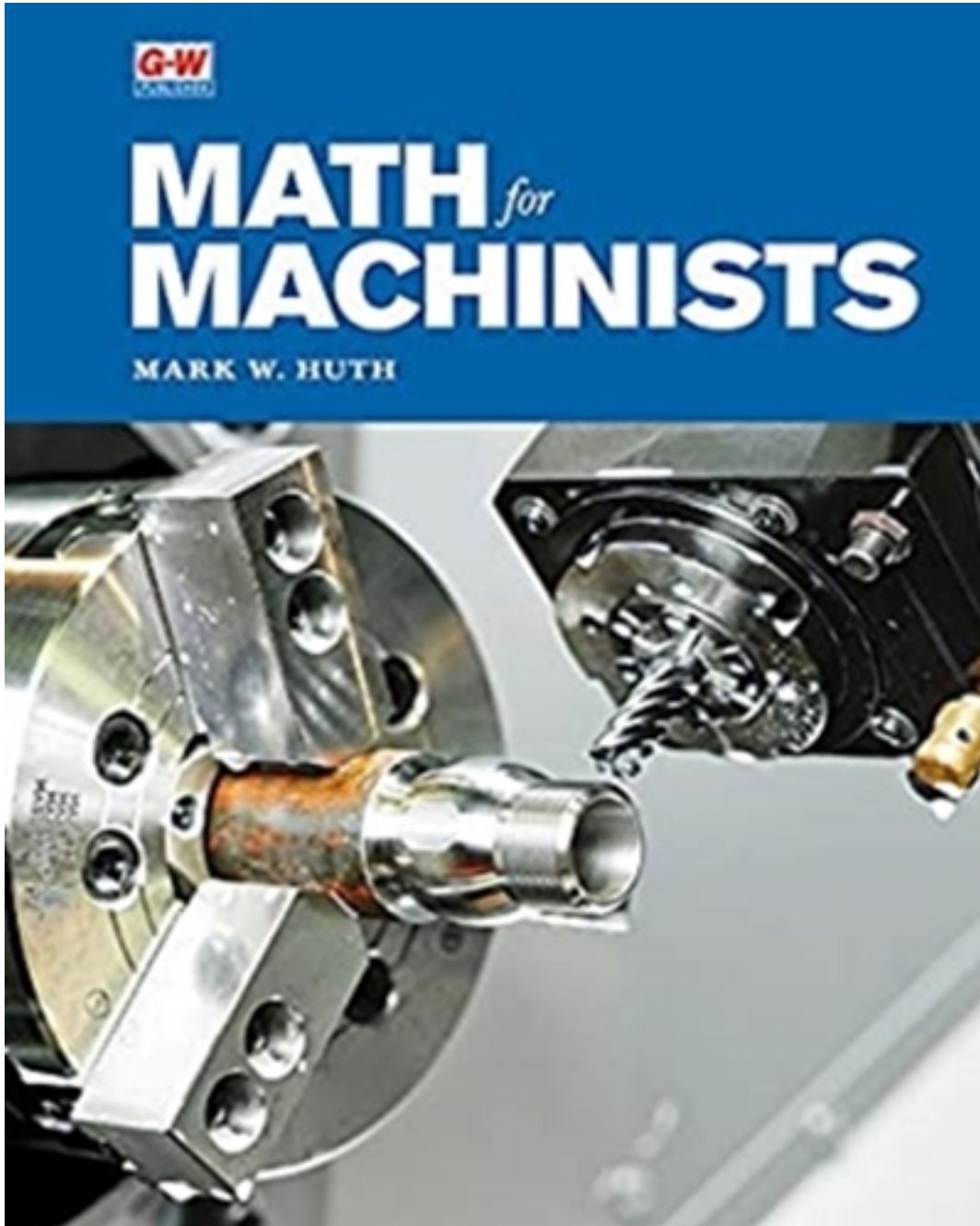
Test Bank

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

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