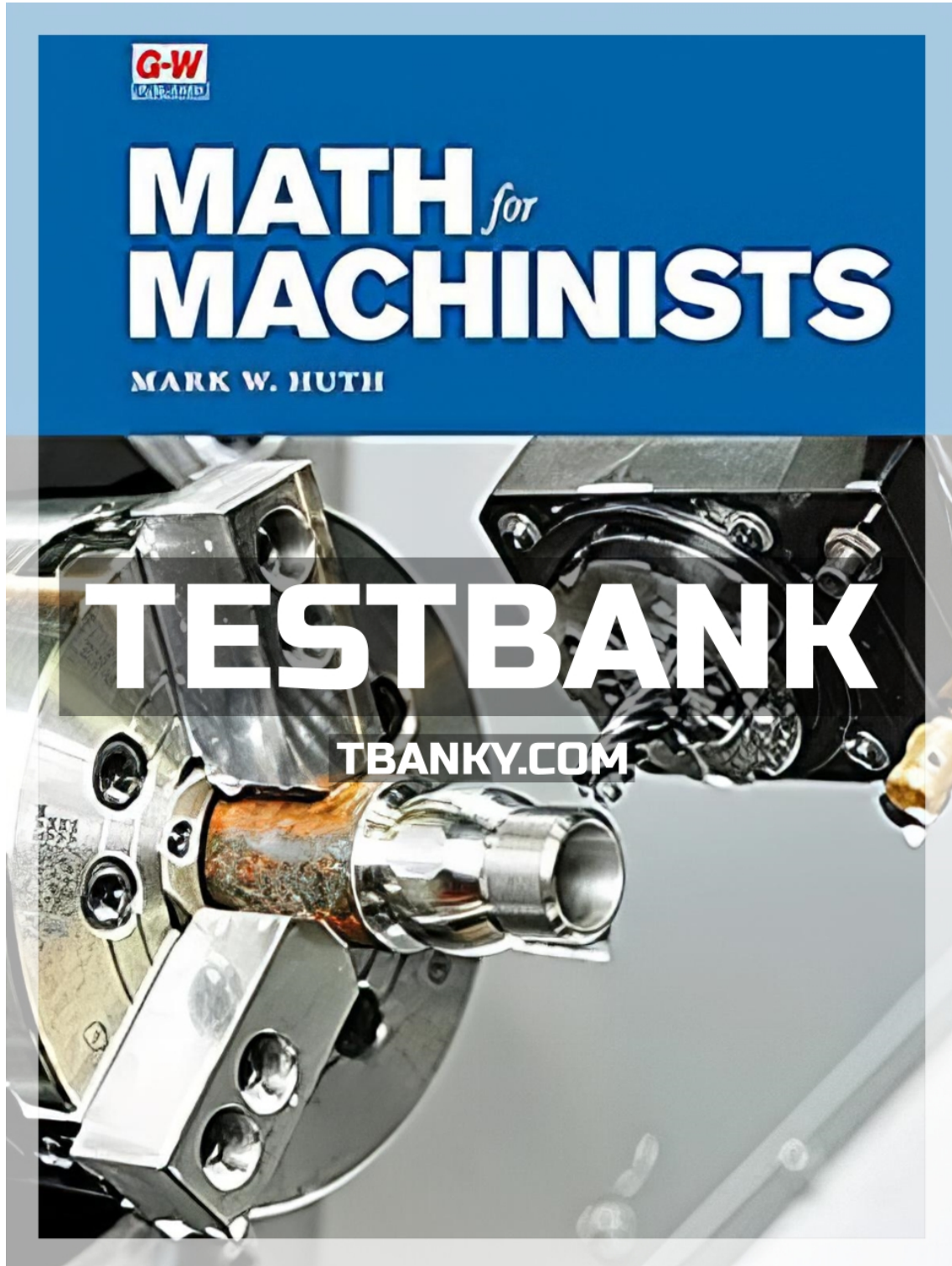


**TEST BANK FOR MATH FOR MACHINISTS  
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## Unit 1 Number Systems

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### 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