

Name: _____ Date: _____

1. When was the English customary measuring system established?

- A. 1200 C.E.
- B. 1300 C.E.
- C. 1100 C.E.
- D. 1400 C.E.

2. The mile, as used in the English customary system, originally signified:

- A. The distance King Henry could walk in an hour.
- B. The distance traveled by a soldier in 500 paces.
- C. The distance traveled by a soldier in 1,000 paces.
- D. The distance from King Henry's castle to the nearest town.

3. Who created the English customary temperature scale?

- A. Anders Celsius
- B. Gabriel Fahrenheit
- C. King Henry I
- D. Albert Einstein

4. In the metric system, the meter was originally defined as:

- A. The distance from the North Pole to the South Pole.
- B. 1/20,000,000 of the circumference of the earth.
- C. 1/40,000,000 of the circumference of the earth.
- D. The length of a standard ruler.

5. On the Celsius temperature scale, what is the boiling point of water?

- A. 32°C
- B. 0°C
- C. 212°C
- D. 100°C

6. What measurement does a micrometer provide when one full revolution of the thimble is achieved?

- A. 0.001 inch
- B. 0.025 inch
- C. 0.01 inch
- D. 0.1 inch

7. How is a depth micrometer different from a conventional micrometer?

- A. It measures the external diameter of an object.
- B. It measures the distance from a flat surface.
- C. It measures in centimeters instead of inches.
- D. It is used exclusively for measuring tape thickness.

8. Which tool is used to measure the inside diameter of small holes like a valve guide in a cylinder head?

- A. Telescopic gauge
- B. Dial caliper
- C. Split-ball gauge
- D. Dial indicator

9. How is 0.47 pronounced in terms of decimal accuracy?

- A. "Four seven tenths"
- B. "Four point seven"
- C. "Forty-seven hundredth"
- D. "Four seven"

10. Which of the following gear ratios signifies a direct drive?

- A. 1:2
- B. 2:1
- C. 1:3
- D. 1:1

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Chapter 11

Multiple Choice Quiz A

Answer Key

1. C

2. C

3. B

4. C

5. D

6. B

7. B

8. C

9. C

10. D