

Practice Worksheet: Measurement and Units

Section A: Multiple Choice

1. What is the unit of measurement for the length of a pencil?

- A) centimeters
- B) meters
- C) kilometers
- D) inches

2. Which of the following fractions is equal to 3.5?

- A) $\frac{3}{4}$
- B) $\frac{7}{2}$
- C) $\frac{3}{2}$
- D) $\frac{7}{4}$

3. What is the decimal equivalent of $\frac{2}{5}$?

- A) 0.2
- B) 0.4
- C) 0.5
- D) 0.8

4. Which of the following scales is used to measure the length of an object?

- A) ruler
- B) tape measure
- C) calculator
- D) compass

5. What is the unit of measurement for the width of a piece of paper?

- A) centimeters
- B) meters
- C) kilometers
- D) inches

Section B: Short Answer

6. Write the length of a pencil in fractional units if it is 3.5 cm long.
7. Measure the length of a book using a scale and write your measurement in centimeters.
8. Read the length of the following object in fractional units: 2.75 cm.
9. Write the decimal equivalent of $\frac{1}{4}$.
10. Draw a scale and use it to measure the length of an object in centimeters.

Section C: Application Problems

11. A bookshelf is 5.25 meters long. If it is divided into 4 equal parts, how long is each part in centimeters?
12. A pencil is 15 cm long. If it is divided into 5 equal parts, how long is each part in centimeters?
13. A piece of paper is 8.5 cm wide. If it is divided into 2 equal parts, how wide is each part in centimeters?
14. A ruler is 30 cm long. If it is divided into 5 equal parts, how long is each part in centimeters?
15. A book is 25 cm long. If it is divided into 5 equal parts, how long is each part in centimeters?

Answer Key

1: centimeters

2: $\frac{7}{2}$

3: 0.4

4: ruler

5: centimeters

6: $3\frac{1}{2}$

7: Measure the length of the book using a scale and write the measurement in centimeters.

8: $2\frac{3}{4}$

9: 0.25

10: Draw a scale and use it to measure the length of the object in centimeters.

11: 1.3125 meters or 131.25 cm

12: 3 cm

13: 4.25 cm

14: 6 cm

15: 5 cm