

Measurement Conversions

Pre-Check: show what you know.

Score _____ / 6

1. Write the missing numbers.

$$6 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$9 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$$

2. Write the missing numbers.

$$7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$$

$$4 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$$

3. Write the missing numbers.

$$5 \text{ ft} = \underline{\hspace{2cm}} \text{ in.}$$

$$7 \text{ yd} = \underline{\hspace{2cm}} \text{ ft}$$

4. Multiply.

$$16 \times \frac{3}{8} = \underline{\hspace{2cm}}$$

$$12 \times \frac{5}{6} = \underline{\hspace{2cm}}$$

5. Read the story. Then answer.

Kim has 4 feet of string. She uses 17 inches of it. How many inches of string are left?

_____ inches

6. Measure to the nearest eighth inch.



_____ inches

Measurement Conversions

Pre-Check: show what you know.

Score _____ / 6

1. Write the missing numbers.

$$6 \text{ km} = \underline{6,000} \text{ m}$$

$$9 \text{ m} = \underline{900} \text{ cm}$$

Lesson 10.1 · Metric length

2. Write the missing numbers.

$$7 \text{ kg} = \underline{7,000} \text{ g}$$

$$4 \text{ L} = \underline{4,000} \text{ mL}$$

Lesson 10.2 · Metric mass and liquid volume

3. Write the missing numbers.

$$5 \text{ ft} = \underline{60} \text{ in.}$$

$$7 \text{ yd} = \underline{21} \text{ ft}$$

Lesson 10.3 · Customary length

4. Multiply.

$$16 \times \frac{3}{8} = \underline{6}$$

$$12 \times \frac{5}{6} = \underline{10}$$

Lesson 10.4 · Customary weight and capacity

5. Read the story. Then answer.

Kim has 4 feet of string. She uses 17 inches of it. How many inches of string are left?

$$48 - 17 = 31$$

31 inches

Lesson 10.6 · Multi-step conversion stories

6. Measure to the nearest eighth inch.



1 $\frac{3}{8}$ inches

Lesson 10.8 · Measure to the sixteenth inch and millimeter