



Chapter 10 More Practice

Set 10-1 (pages 542–545)

Copy and complete.

- $51 \text{ in.} = \square \text{ ft}$
 - $88 \text{ oz} = \square \text{ lb}$
 - $24 \text{ qt} = \square \text{ gal}$
 - $38 \text{ ft} = \square \text{ yd}$
 - $2\frac{1}{2} \text{ lb} = \square \text{ oz}$
 - $7 \text{ c} = \square \text{ pt}$
 - $4 \text{ mi} = \square \text{ yd}$
 - $5 \text{ gal} = \square \text{ c}$
 - $4 \text{ pt} = \square \text{ qt}$
 - $7 \text{ tons} = \square \text{ lb}$
 - $6 \text{ lb} = \square \text{ oz}$
 - $3 \text{ qt} = \square \text{ fl oz}$
13. After the soccer game, Toby drank 24 fluid ounces of water. Alex drank 2 pints of water, and Ryan drank 5 cups of water. Who drank the most water?
Ryan; Toby drank 3 cups, and Alex drank 4 cups

Set 10-2 (pages 546–549)

Name the most appropriate metric unit for each measurement.

- mass of a postage stamp
milligrams
- capacity of a drinking cup
milliliters
- length of a new pencil
centimeters
- distance from Tampa to New York
kilometers

Copy and complete.

- $14.5 \text{ km} = \square \text{ m}$
 - $2.5 \text{ m} = \square \text{ mm}$
 - $1,760 \text{ g} = \square \text{ kg}$
 - $0.9 \text{ kL} = \square \text{ L}$
 - $4.7 \text{ g} = \square \text{ mg}$
 - $82.6 \text{ m} = \square \text{ cm}$
 - $35 \text{ mL} = \square \text{ L}$
 - $4 \text{ kg} = \square \text{ mg}$
 - $180 \text{ mm} = \square \text{ cm}$
 - $380 \text{ L} = \square \text{ kL}$
 - $675 \text{ mg} = \square \text{ g}$
 - $4.5 \text{ L} = \square \text{ mL}$
17. A tree is 7.73 m tall. What is the height of the tree in cm? in mm?
773 cm; 7,730 mm

Set 10-3 (pages 550–551)

Measure each segment to the nearest eighth inch and nearest centimeter.

- 1 in.; 3 cm**
- $1\frac{6}{8}$ in.; 4 cm**
- $2\frac{2}{8}$ in.; 6 cm**

Measure each segment to the nearest sixteenth inch and nearest millimeter.

- $2\frac{11}{16}$ in.; 68 mm**
 - 3 in.; 77 mm**
6. Which measurement is less precise, millimeters or inches? **inches**

Set 10-4 (pages 552–553)

Copy and complete. Round to the nearest tenth.

- $20 \text{ in.} \approx \square \text{ cm}$
 - $16 \text{ L} \approx \square \text{ gal}$
 - $65 \text{ lb} \approx \square \text{ kg}$
 - $100 \text{ yd} \approx \square \text{ m}$
 - $7.5 \text{ mi} \approx \square \text{ km}$
 - $10 \text{ oz} \approx \square \text{ g}$
 - $12.75 \text{ L} \approx \square \text{ qt}$
 - $9 \text{ m} \approx \square \text{ in.}$
 - $14.2 \text{ g} \approx \square \text{ oz}$
 - $15 \text{ km} \approx \square \text{ mi}$
 - $75 \text{ kg} \approx \square \text{ lb}$
 - $18 \text{ qt} \approx \square \text{ L}$
13. Last weekend, Paula ran a 10-km race. Estimate the race distance in mi. **6.2 miles**
14. An eyelash is 11.3 mm long. About what fraction of an inch is this? **about $\frac{1}{2}$**