

# Mid-Chapter Review

1. Express each measurement in the units shown.

a) 10 ft 5 in. = 125 in.

d)  $2\frac{1}{2}$  mi = 13 200 ft

b) 5 yd 1 ft = 16 ft

e) 1 yd 1 ft 6 in. = 54 in.

c) 4 mi 150 yd = 7190 yd

f)  $8\frac{1}{4}$  mi = 14 520 yd

**Hint**

Use the charts inside the back cover.

2. Express each measurement in the units shown.

a) 275 m = 27 500 cm

d) 126 dm = 0.126 hm

b) 7.35 mm = 0.735 cm

e) 9.05 m = 9050 mm

c) 9.2 km = 9200 m

f) 7845 cm = 78.45 m

3. Circle the greater measurement in each pair.

a) 2' or 25"

c) 15 mm or 2.1 cm

b) 0.5 km or 450 m

d) 2000 yd or  $1\frac{1}{4}$  mi

4. Name an imperial unit and a metric unit you would use to estimate each measure.

a) the length of a hiking trail

For example,

miles                      kilometres

b) the length of your arm

inches                      centimetres

5. Name a referent you might use to estimate each length.

a) the length of a snowboard

e.g., my foot (about 1 ft)

b) the height of your classroom

e.g., the height of a table (about 1 yd or 1 m)

6. Li is rolling quarters. Each coin is 1.75 mm thick. What is the length of a \$10 roll of quarters, in centimetres?

$\$1$  is 4 quarters.  $4 \times 1.75 \text{ mm} = 7 \text{ mm}$

$10 \times 7 = 70 \text{ mm}$ , or 7 cm

A \$10 roll of quarters is 7 cm long.

