Square - Area & Perimeter
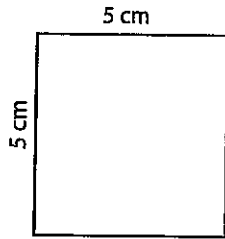
Find the area and perimeter of each square.   *Show all work.*

1)

5 cm

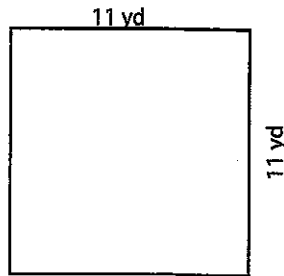5 cm

Area : _____

Perimeter : _____
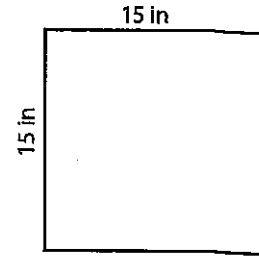
2)

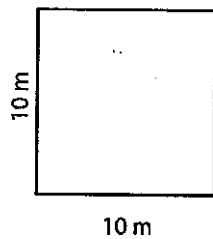11 yd

11 yd

Area : _____

Perimeter : _____

3)

15 in

15 in

Area : _____

Perimeter : _____

4)

10 m

10 m

Area : _____

Perimeter : _____

5)

3 ft

3 ft

Area : _____

Perimeter : _____

6)

9 mm

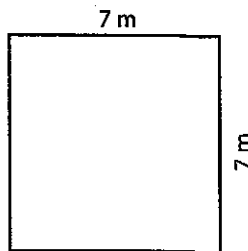9 mm

Area : _____

Perimeter : _____

7)

4 yd

4 yd

Area : _____

Perimeter : _____

8)

7 m

7 m

Area : _____

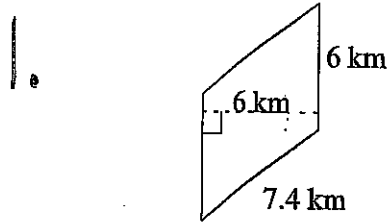Perimeter : _____

9)

12 in

12 in
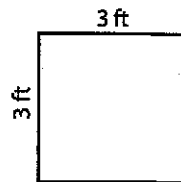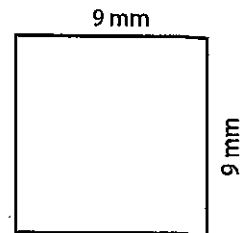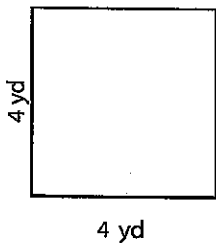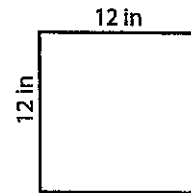
Area : _____

Perimeter : _____

✗ONLY find Perimeter !

Find the area and perimeter of each parallelogram.

1.

6 km
6 km
7.4 km

A = ~~crossed out~~

P = _____

2.

9 ft
4.8 ft   5.8 ft

A = ~~crossed out~~

P = _____

3.

6 km
4.7 km
5.0 km

A ~~crossed out~~

P = _____

4.

5 yd
3.1 yd   4.8 yd

A ~~crossed out~~

P = _____

5.

8.5 ft   9 ft
8.7 ft

A ~~crossed out~~

P = _____

6.

3 mi
5 mi   5.4 mi

A ~~crossed out~~

P = _____

Name _____ Date _____ Class _____

LESSON **Practice B** *Show all work.*
9-7 *Perimeter*

Find the perimeter of each figure.
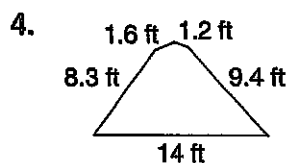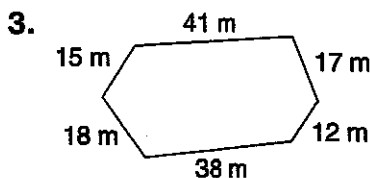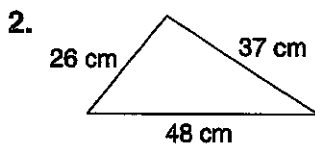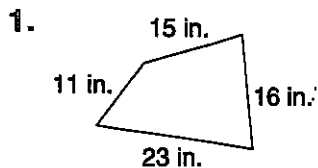
1.
15 in.
11 in.
16 in.
23 in.

_____

2.
26 cm
37 cm
48 cm

_____

3.
41 m
15 m
17 m
18 m
12 m
38 m

_____

4.
1.6 ft 1.2 ft
8.3 ft
9.4 ft
14 ft

_____

Find the perimeter P of each rectangle.

5.
16 yd
24 yd

_____

6.
19 mi
32 mi

_____

7.
1.7 ft
2.8 ft

_____
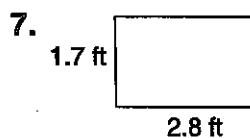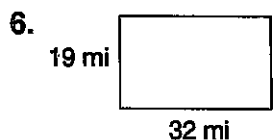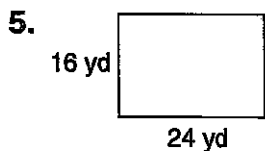
Find each unknown measure.

8. What is the length of side *b* if the perimeter equals 47 in.?

13 in.
7 in.
11 in.
b

_____
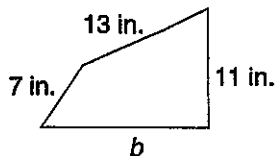
9. What is the length of side *s* if the perimeter equals 119 yd?

22 yd   *s*
59 yd

_____
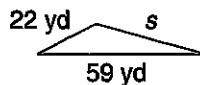
10. Benjamin is putting a fence around his rectangular-shaped yard. The yard is 38 feet long and 27 feet wide. How many feet of fencing does Benjamin need to surround his entire yard? _____

11. If you drove from Bakersville to Salem and then to San Mateo, your entire 81-mile journey would form a triangle. The distance from Salem to San Mateo is 24 miles. The distance from Bakersville to San Mateo is 40 miles. How many miles is it from Salem to Baskerville? _____

Holt Mathematics

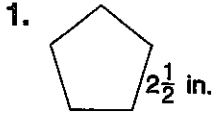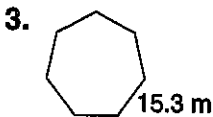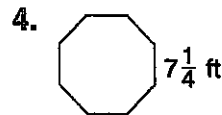**LESSON 9-7** **Practice C** *Show all work.*

Perimeter

Find the perimeter of each regular polygon.
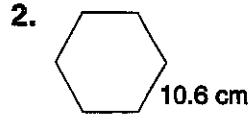
1.

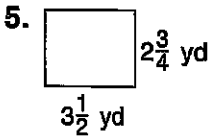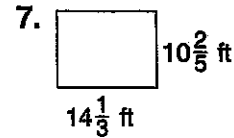$2\frac{1}{2}$ in.

_____

2.

10.6 cm

_____

3.

15.3 m

_____

4.

$7\frac{1}{4}$ ft

_____

Find the perimeter *P* of each rectangle.

5.

$2\frac{3}{4}$ yd

$3\frac{1}{2}$ yd

_____

6.

20.9 m

_____

7.

$10\frac{2}{5}$ ft

$14\frac{1}{3}$ ft

_____
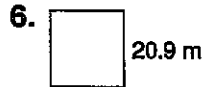
Find each unknown measure.

8. What is the length of side *b* if the perimeter equals $120\frac{1}{4}$ in.?

$16\frac{5}{8}$ in. _____ *b* _____ $23\frac{3}{4}$ in.

$50\frac{1}{2}$ in.

_____
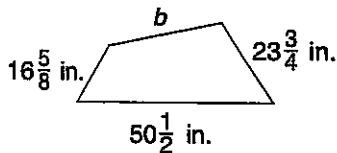
9. What is the length of side *s* if the perimeter equals 99.01 m?

40.09 m _____ *s*

37.54 m

_____
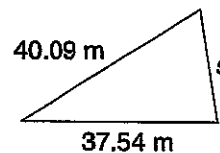
10. Lydia used 24 feet of fencing to enclose her rectangular-shaped yard. Each side of the yard had a measurement in whole feet. What are all the possible dimensions of Lydia's yard?

_____

11. Why can you use the formula for the perimeter of a rectangle to find the perimeter of a square?

_____

Holt Mathematics