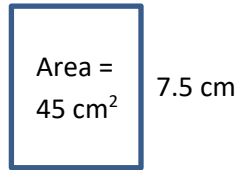Name: _____

Practice: Area, Perimeter, Circumference

Calculators ARE allowed, but you must show all work – even what you type into the calculator!
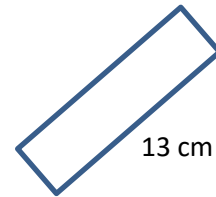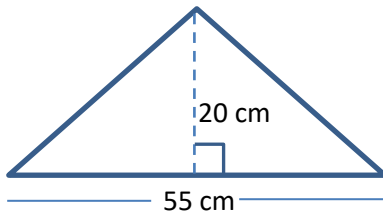
1) Find the area AND perimeter.
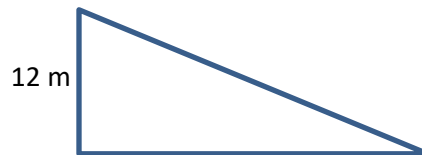
6 in

19 in

2) Find the length.

Area = 45 cm²

7.5 cm

3) The perimeter is 36 ft. Find the width.

13 cm

4) Find the area.

20 cm

55 cm
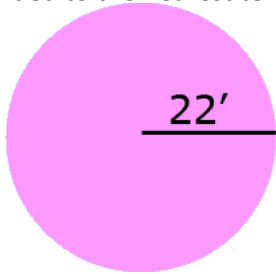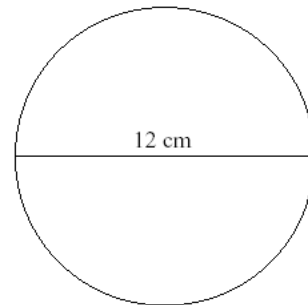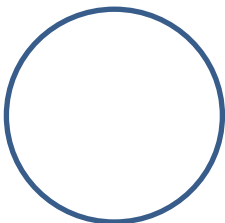
5) The area is 96 m². Find the base.

12 m

6) Find the area AND circumference. Write your answers as decimals rounded to the nearest tenth.
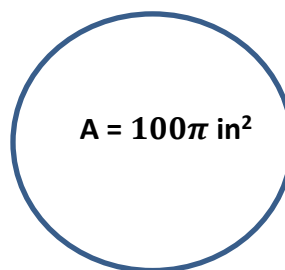
_22'_

7) Find the area AND circumference. Write exact answers. (Leave pi in the answers.)

12 cm

8) The circumference of the circle is 72π mm. Find the radius.

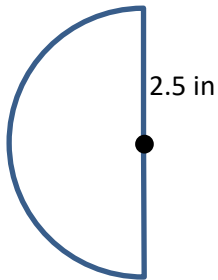9) The area of the circle is 100π in². Find the circumference.
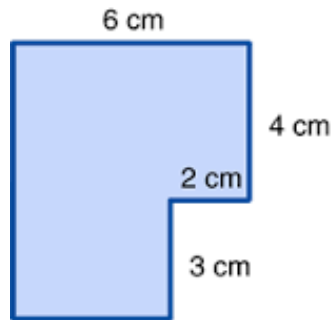
A = 100π in²

(More on the back!)

Area, Perimeter, Circumference Worksheet Page 2: Challenge Problems

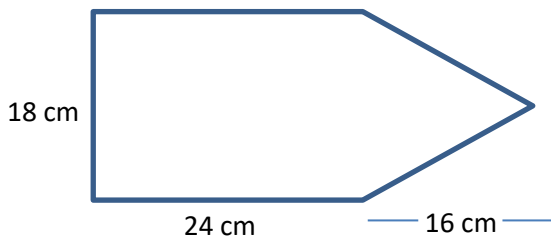10) Find the area and perimeter of this semicircle. The radius is 2.5 in.

2.5 in

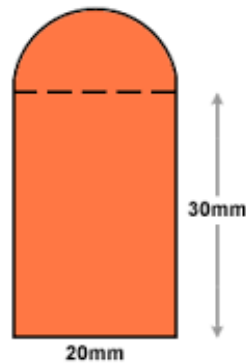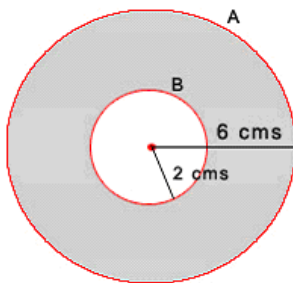11) Find the area of the figure TWO different ways.

6 cm

Method 1

4 cm

2 cm

3 cm

Method 2

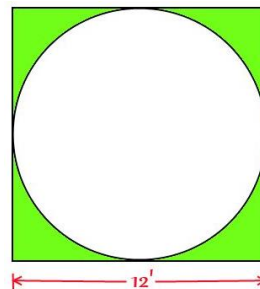12) Find the area.

18 cm

24 cm   16 cm

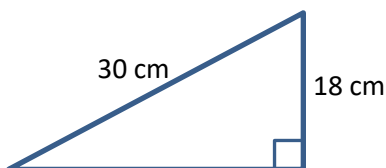13) Find the area AND perimeter of the figure. Assume the top section is a perfect semicircle (half-circle).

30mm

20mm

14) Find the area of the shaded section.

A

B

6 cms

2 cms

15) Find the area of the shaded section.

12'

16) Find the area and perimeter.

30 cm

18 cm

17) Find the area and perimeter. Round to the nearest tenth.

12 cm

14 cm