Geometry Review Study Guide

Find the Perimeter AND the Area for each Rectangle:

1)

7 in

5 in

Area =

Perimeter =

2)

3 ft

6 ft

Area =

Perimeter =

3)

8 yd

4 yd
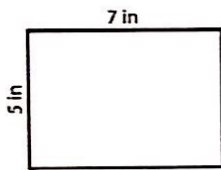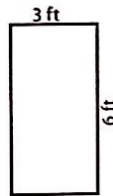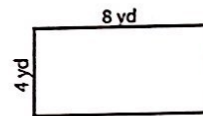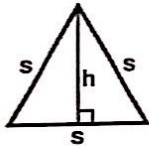
Area =

Perimeter =

Find the Perimeter AND the Area for each Triangle:

7)

s   h   s

s

s = 7.1 mm
h = 6.1 mm

Area: _____
Perimeter: _____

8)

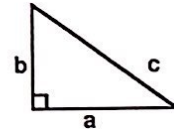b   h   b

a
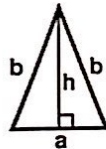
a = 4.9 ft   b = 7.3 ft
h = 6.7 ft

Area: _____
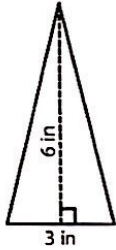Perimeter: _____

9)

b   c

a

a = 7.4 cm   b = 5.4 cm
c = 9.16 cm

Area: _____
Perimeter: _____

Find the Area of Each Triangle:

4)

6 in
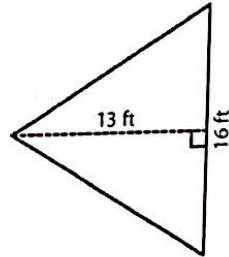3 in

Area = ( )

5)

10 yd
7 yd

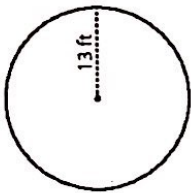Area = ( )

6)

13 ft
16 ft
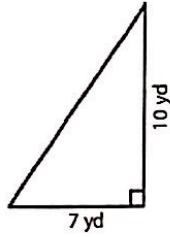
Area = ( )

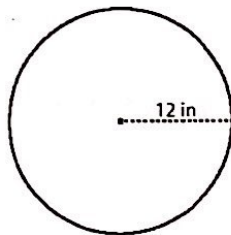# Find the Circumference AND the Area for each Circle:
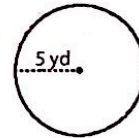
1)

13 ft

Area =

Circumference =

2)

12 in

Area =

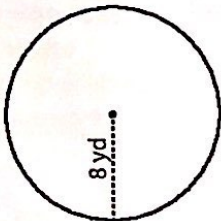Circumference =

3)

5 yd

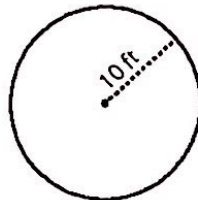Area =

Circumference =

4)

8 yd
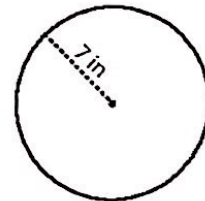
Area =
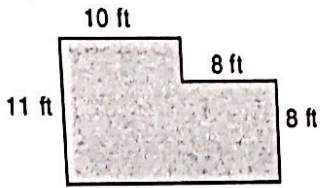
Circumference =

5)

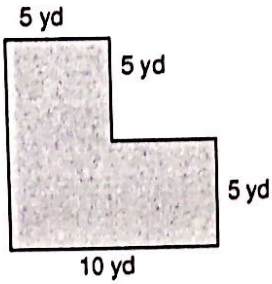10 ft

Area =

Circumference =

6)

7 in

Area =

Circumference =

Compound Shapes

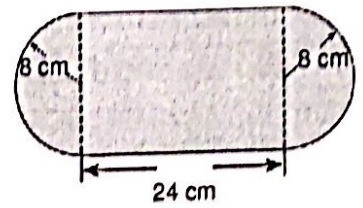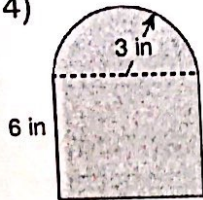Find the area of each figure, round your answer to one decimal place if necessary.

1)

10 ft

8 ft

11 ft

8 ft

8 ft

Area: _____

2)

5 yd

5 yd

5 yd

10 yd

Area: _____

3)

8 cm

8 cm

24 cm

Area: _____

4)

3 in

6 in

Area: _____

5)

24 m

7.5 m   7.5 m

16 m

16 m

Area: _____

6)

3 ft

6 ft

8 ft

Area: _____

7)

18 in

18 in   9 in

Area: _____

8)

15 cm

20 cm   10 cm

Area: _____

9)

36 m

36 m

36 m

60 m
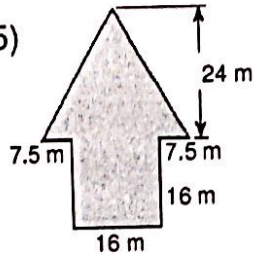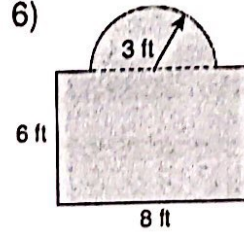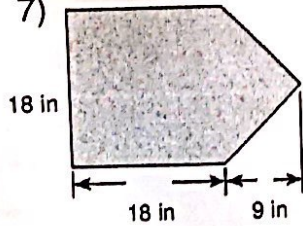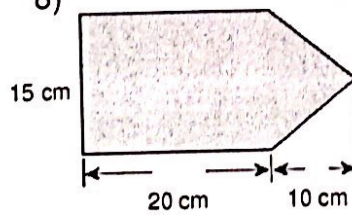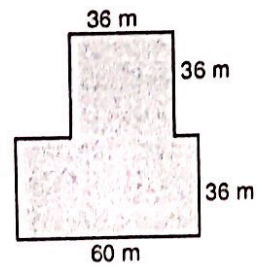
Area: _____

7) $Perimeter = 38ft. Solve\ for\ x:$

x $x+3$

$2x-5$
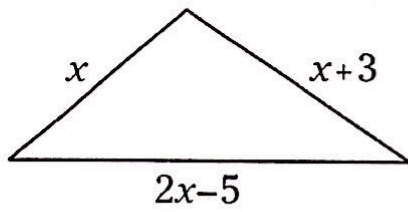
8) $Perimeter = 86cm. Solve\ for\ x:$

$x+13$

$3x+2$ $3x$

8

2

$x+5$
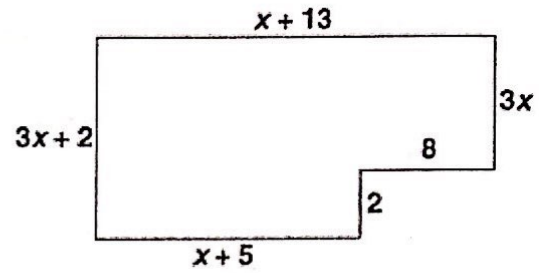
9) $Area = 20in^2. Solve\ for\ x:$

4

$x+2$
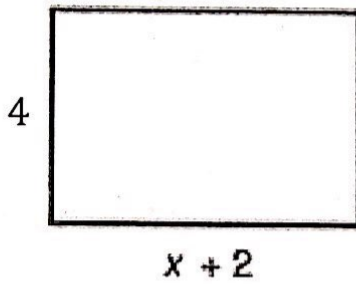
10) $Solve\ for\ x\ in\ the\ Rectangle:$

$$10x-7$$

$$3(x-7)$$
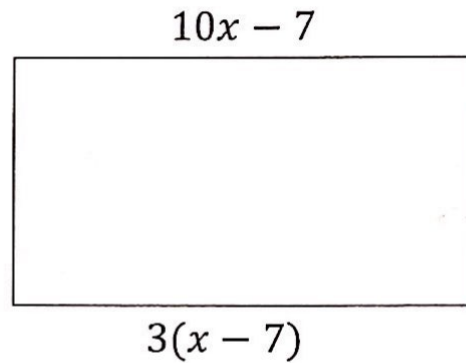
11) $Solve\ for\ x\ in\ the\ Square:$

$(3x+9)°$
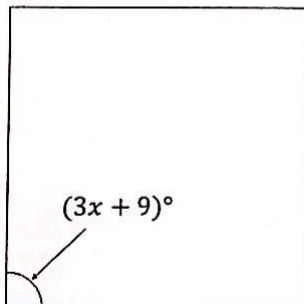
How did you feel while completing this homework?

1: I understood and could complete essentially no problems on this homework.	2: I could complete less than half of the problems on this homework.	3: I could complete most of the problems but got stuck on some of them as well.	4: I understood and could complete essentially all problems on this homework