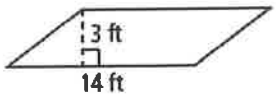
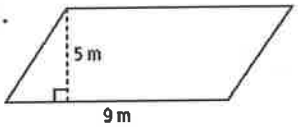
Name _____ Date _____

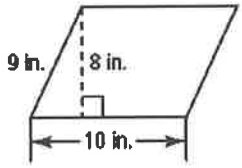
Find the area of each parallelogram.

1) 

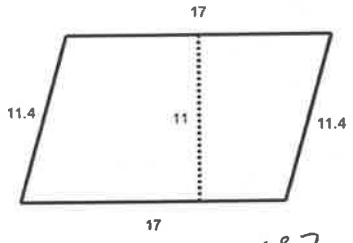
42 ft²

2. 

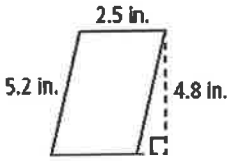
45 m²

3) 

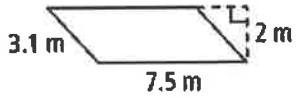
80 in²

4) 

187 units²

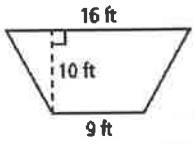
5) 

12 in²

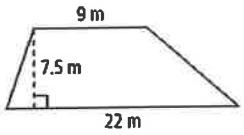
6) 

15 m²

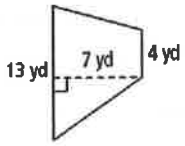
Find the area of each trapezoid.

7) 

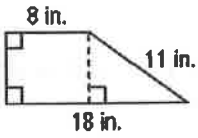
125 ft²

8) 

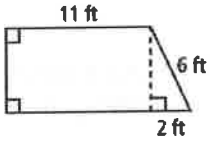
116.25 m²

9) 

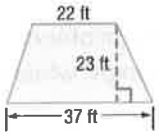
59.5 yd²

10) 

59.6 in²

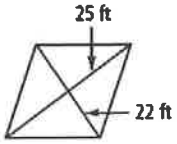
11) 

67.9 ft²

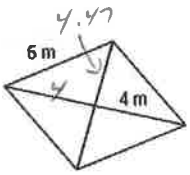
12) 

678.5 ft²

Find the area of each rhombus.

13) 

1100 ft²

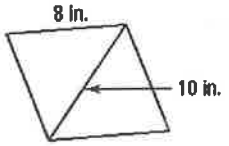
14) 

27.7 in²

~~[illegible]~~ in²

$\frac{1}{2}(8)(8.94)$

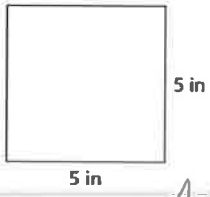
35.76 in²

15) 

62.4 in²

Find the area AND perimeter of each square or rectangle.

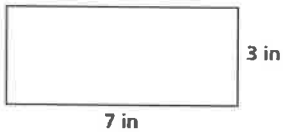
16)



$A = 25\ in^2$

$P = 20\ in$

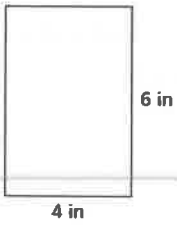
17)



$A = 21\ in^2$

$P = 20\ in$

18)

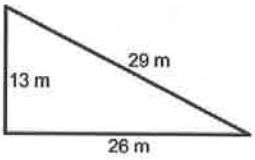


$A = 24\ in^2$

$P = 20\ in$

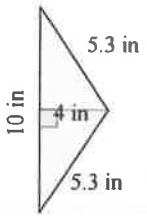
Find the area AND perimeter of each triangle.

19)



$A = 169\ m^2$ $P = 68\ m$

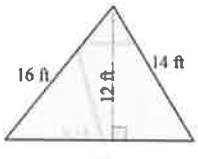
20)



$A = 20\ in^2$

$P = 20.6\ in$

21)

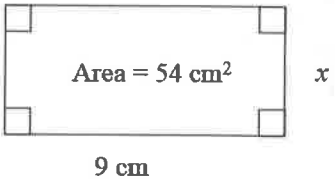


$A = 90\ ft^2$

$P = 45\ ft$

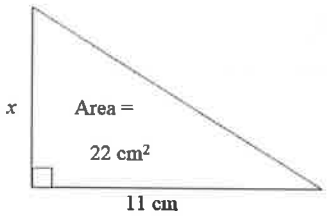
Given the area. Find the missing dimension.

22)



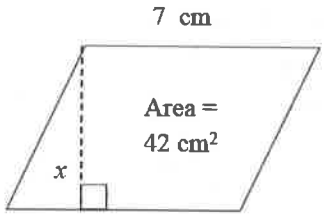
6 cm

23)



4 cm

24)



6 cm

Draw a diagram. Solve the problem.

25) Find the base of a triangle whose height is 8 ft and area is 32 square feet.

8 ft

26) A parallelogram has a height of 15 ft and an area of 80 square feet. What is the length of the base?

5.3 ft

27) Find the radius of a circle whose circumference is 60.92 square feet.

9.7 ft

28) Find the diameter of a circle given that the area of a 32^0 sector is 26.4 square inches.

19.5 in

29) A trapezoid has a rea of 908.5 sq. units. If the altitude is 23 and one base is 36, find the other base.

43

30) A rhombus has a perimeter of 100 meters, and one diagonal measures 30 meters. Find the area of the rhombus.

600 m^2