

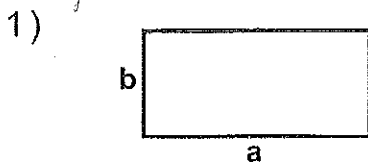
Name : _____

Score : _____

Teacher : KEY

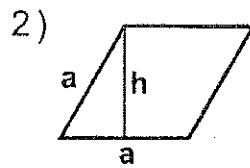
Date : _____

Identify and Calculate the Area and Perimeter for each Quadrilateral.



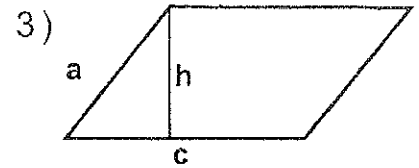
$a = 9 \text{ cm}$ $b = 4.2 \text{ cm}$

Area: 37.8 cm²
Perimeter: 26.4 cm
Type: Rectangle



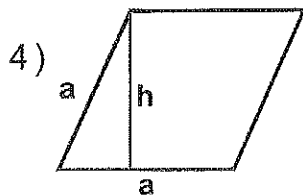
$a = 5.1 \text{ ft}$ $h = 4.42 \text{ ft}$

Area: 22.542 ft²
Perimeter: 20.4 ft
Type: Parallelogram



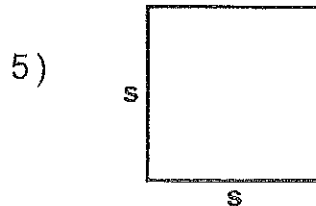
$a = 5.68 \text{ cm}$
 $c = 9.6 \text{ cm}$ $h = 5.2 \text{ cm}$

Area: 49.92 cm²
Perimeter: 30.56 cm
Type: Parallelogram



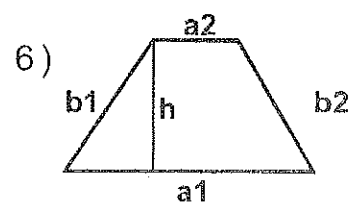
$a = 6.9 \text{ inches}$ $h = 6.3 \text{ inches}$

Area: 43.47 in²
Perimeter: 25.2 in
Type: Parallelogram



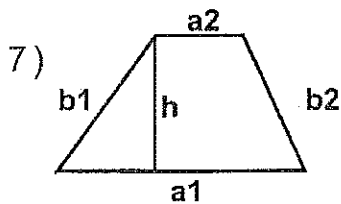
$s = 6.9 \text{ yds}$

Area: 47.61 yds²
Perimeter: 27.6 yds
Type: Square



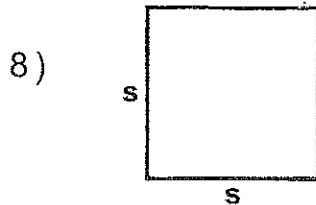
$a1 = 10 \text{ ft}$ $a2 = 3.4 \text{ ft}$
 $b1 = 6.32 \text{ ft}$ $b2 = 6.01 \text{ ft}$
 $h = 5.2 \text{ ft}$

Area: 34.84 ft²
Perimeter: 25.73 ft
Type: Trapezoid



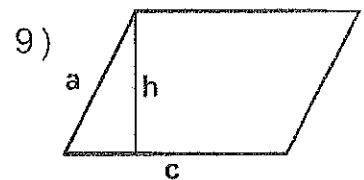
$a1 = 9.8 \text{ yds}$ $a2 = 3.5 \text{ yds}$
 $b1 = 6.62 \text{ yds}$ $b2 = 5.94 \text{ yds}$
 $h = 5.4 \text{ yds}$

Area: 35.91 yds²
Perimeter: 25.86 yds
Type: Trapezoid



$s = 6.8 \text{ inches}$

Area: 46.24 in²
Perimeter: 27.2 in
Type: Square



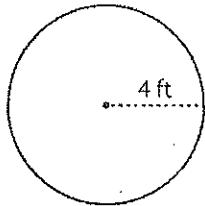
$a = 5.99 \text{ mm}$
 $c = 8.9 \text{ mm}$ $h = 5.7 \text{ mm}$

Area: 50.73 mm²
Perimeter: 29.78 mm
Type: Parallelogram



Circle - Area

Example :



$$\text{Area of a circle} = \pi r^2$$

$$\text{Radius } (r) = 4 \text{ ft}$$

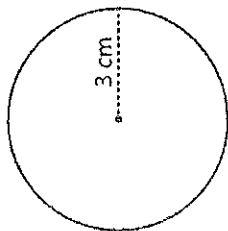
$$\text{Area} = \pi r^2$$

$$= \pi \times 4 \times 4$$

$$\text{Area} = 16\pi \text{ ft}^2$$

Find the exact area of each circle.

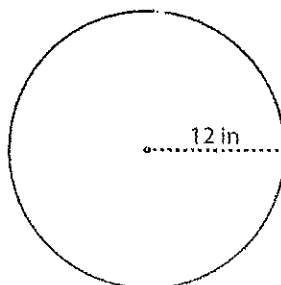
1)



28.27

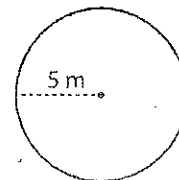
Area = $9\pi \text{ cm}^2$

2)



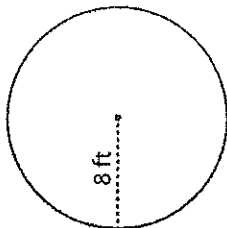
Area = $144\pi \text{ in}^2$
452.39

3)



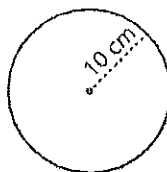
Area = $25\pi \text{ m}^2$
78.54

4)



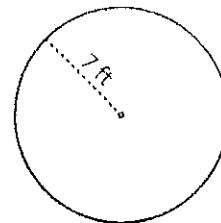
Area = $64\pi \text{ ft}^2$
201.06

5)



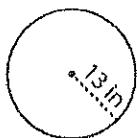
Area = $100\pi \text{ cm}^2$
314.16

6)



Area = $49\pi \text{ ft}^2$
153.94

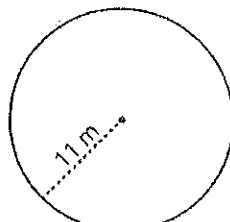
7)



530.93

Area = $169\pi \text{ in}^2$

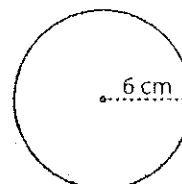
8)



380.13

Area = $121\pi \text{ m}^2$

9)



113.1

Area = $36\pi \text{ cm}^2$