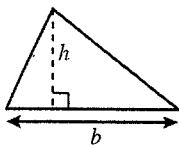


Grade 8 Mathematics Formula Sheet

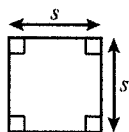
Geometric Formulas



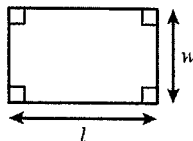
$$A = \frac{1}{2}bh$$

$$A = (0.5)bh$$

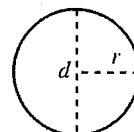
$$A = \frac{bh}{2}$$



$$A = s^2$$



$$A = lw$$

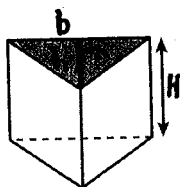


$$C = 2\pi r$$

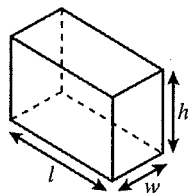
$$C = \pi d$$

$$A = \pi r^2$$

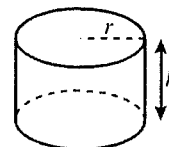
Pi
 $\pi \approx 3.14$



$$V = \frac{1}{2}bhH$$



$$V = lwh$$



$$V = \pi r^2 h$$

Volume for any 3-D object: $V = A_{\text{base}} \cdot h$

Name : _____

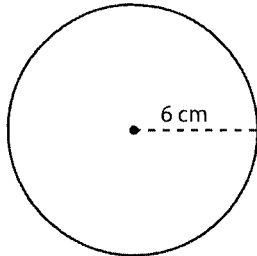
Score : _____

Area - Mixed Shapes

Level 1: S1

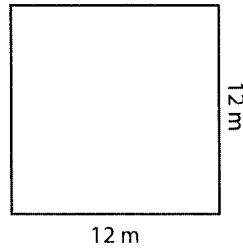
Find the area of each figure.

1)



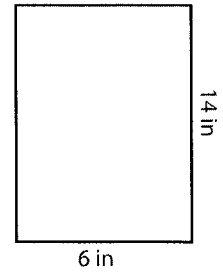
Area = _____

2)



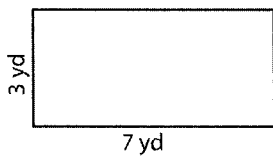
Area = _____

3)



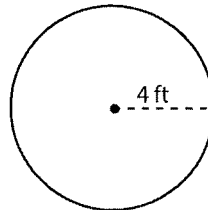
Area = _____

4)



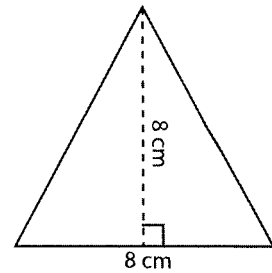
Area = _____

5)



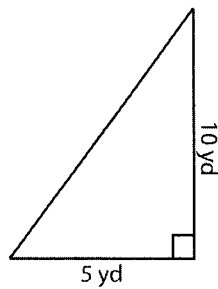
Area = _____

6)



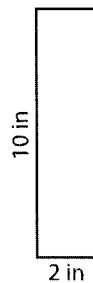
Area = _____

7)



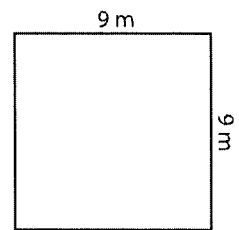
Area = _____

8)



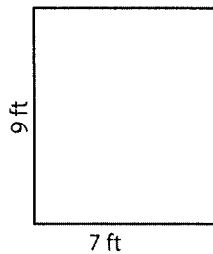
Area = _____

9)



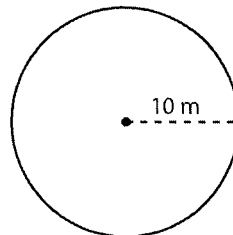
Area = _____

10)



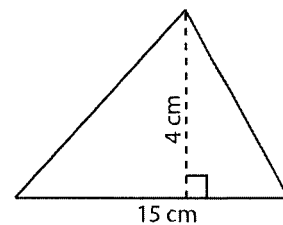
Area = _____

11)



Area = _____

12)



Area = _____

Name : _____

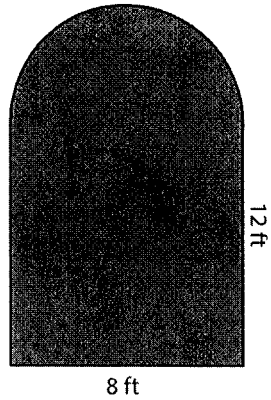
Score : _____

Area - Compound Shapes

Add: S1

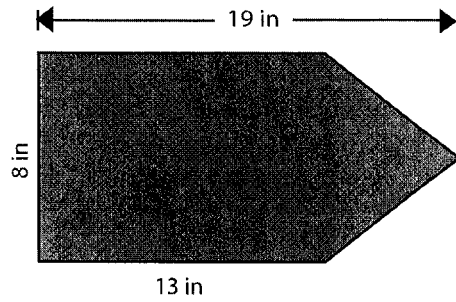
Find the area of each figure. Round the answer to 2 decimal places if necessary.

1)



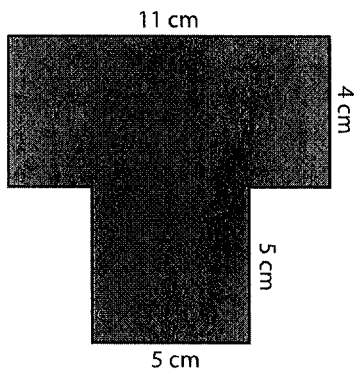
Area = _____

2)



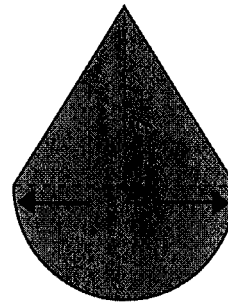
Area = _____

3)



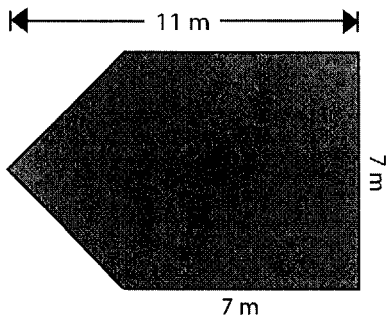
Area = _____

4)



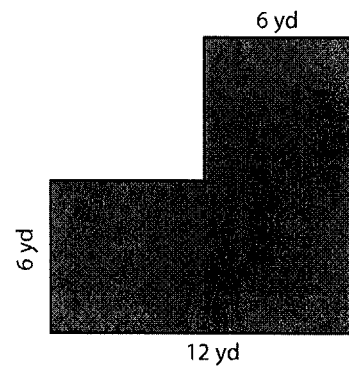
Area = _____

5)



Area = _____

6)



Area = _____