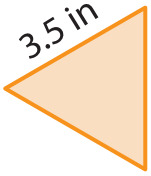
AREA OF EQUILATERAL TRIANGLE

Name _____

Score _____

AT:28

Example : Find the area of the triangle and round it to two decimal places.



$$\text{Area} = \frac{\sqrt{3}}{4} \times a^2$$

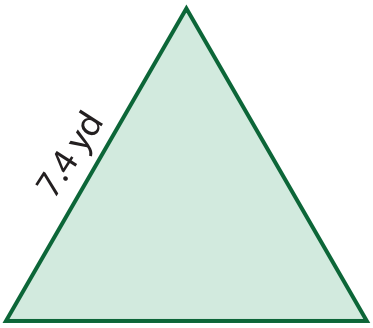
$$a = 3.5 \text{ in}$$

$$= \frac{\sqrt{3}}{4} \times 3.5 \times 3.5$$

$$= \mathbf{5.3 \text{ in}^2}$$

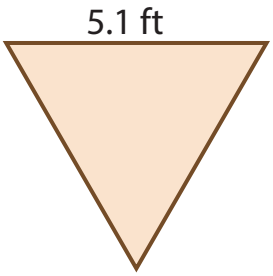
Find the area of the triangle and round it to two decimal places.

1)



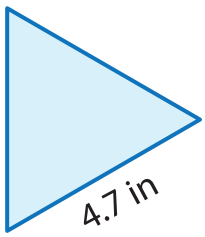
Area = _____

2)



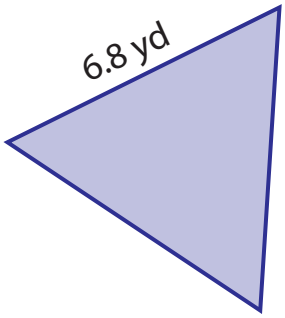
Area = _____

3)



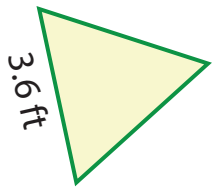
Area = _____

4)



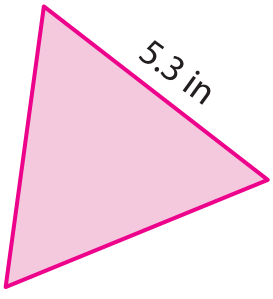
Area = _____

5)



Area = _____

6)



Area = _____

AREA OF EQUILATERAL TRIANGLE

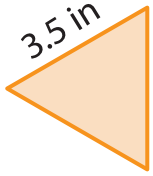
Name _____

Score _____

Answer key

AT:28

Example : Find the area of the triangle and round it to two decimal places.



$$\text{Area} = \frac{\sqrt{3}}{4} \times a^2$$

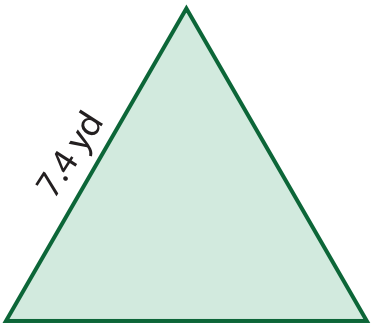
$$a = 3.5 \text{ in}$$

$$= \frac{\sqrt{3}}{4} \times 3.5 \times 3.5$$

$$= \mathbf{5.3 \text{ in}^2}$$

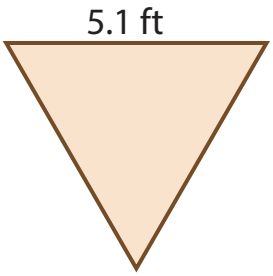
Find the area of the triangle and round it to two decimal places.

1)



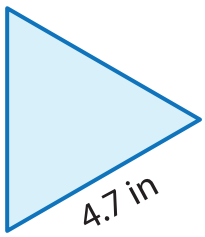
Area = **23.71 yd²**

2)



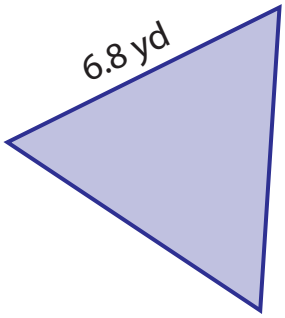
Area = **11.26 ft²**

3)



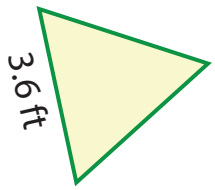
Area = **9.57 in²**

4)



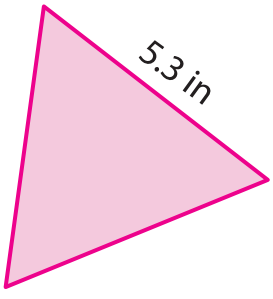
Area = **20.02 yd²**

5)



Area = **5.61 ft²**

6)



Area = **12.16 in²**