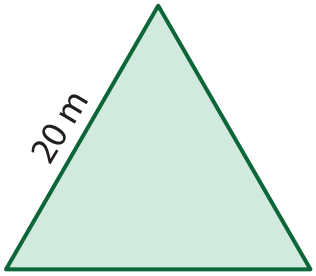
AREA OF EQUILATERAL TRIANGLE

Name _____

Score _____

AT:31

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



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

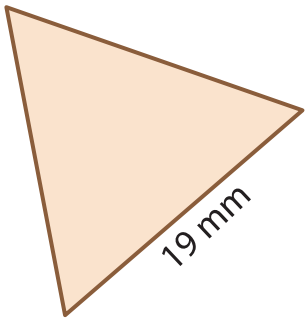
$$a = 20 \text{ m}$$

$$= \frac{\sqrt{3}}{4} \times 400$$

$$= \mathbf{173.21\ m^2}$$

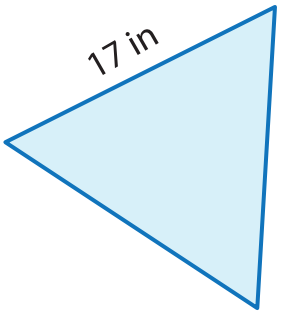
Find the area of the triangle and round it to two decimal places.

1)



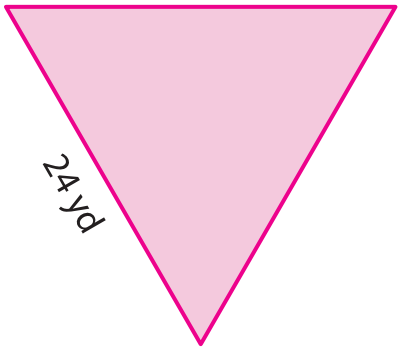
Area = _____

2)



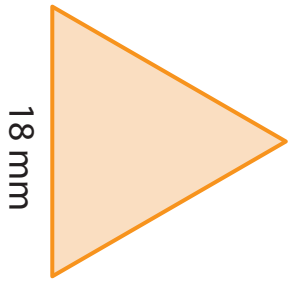
Area = _____

3)



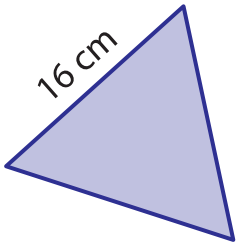
Area = _____

4)



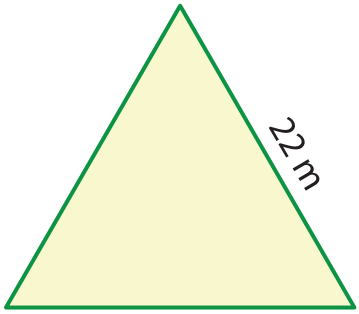
Area = _____

5)



Area = _____

6)



Area = _____

AREA OF EQUILATERAL TRIANGLE

Name _____

Score _____

Answer key

AT:31

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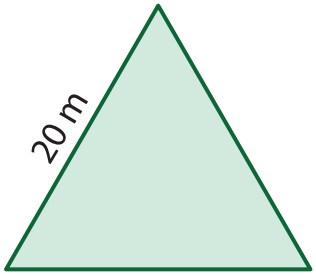

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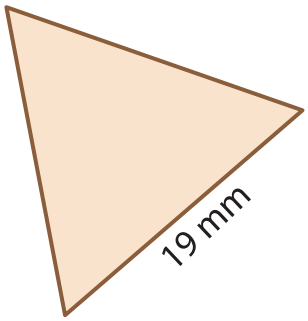
$$a = 20 \text{ m}$$

$$= \frac{\sqrt{3}}{4} \times 400$$

$$= \mathbf{173.21\ m^2}$$

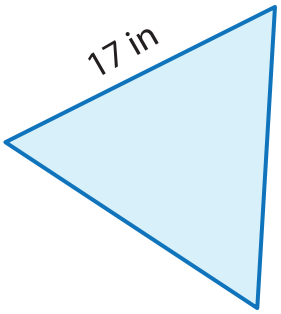
Find the area of the triangle and round it to two decimal places.

1)



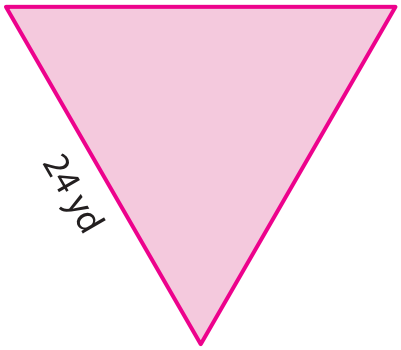
Area = **156.32 mm²**

2)



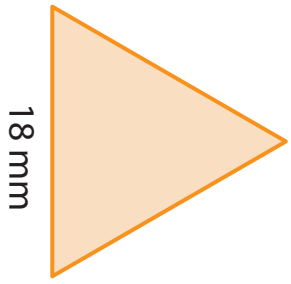
Area = **125.14 cm²**

3)



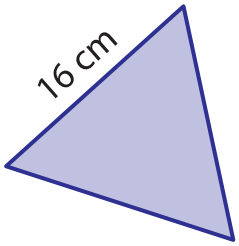
Area = **249.42 m²**

4)



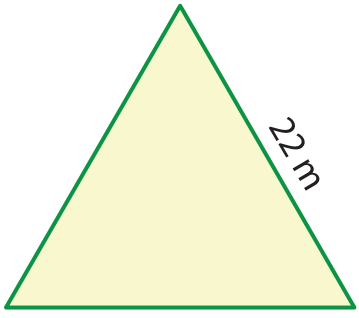
Area = **140.3 mm²**

5)



Area = **110.85 cm²**

6)



Area = **209.58 m²**