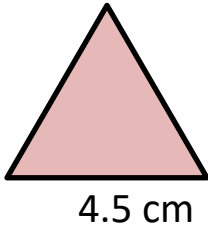




AREA OF AN EQUILATERAL TRIANGLE 2

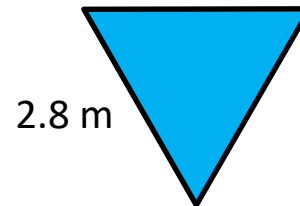
Work out the area of the following equilateral triangles. They are not drawn to scale. Use the formula at the bottom of the page to help you.

1)



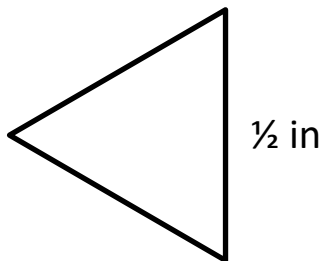
Area = _____ cm²

2)



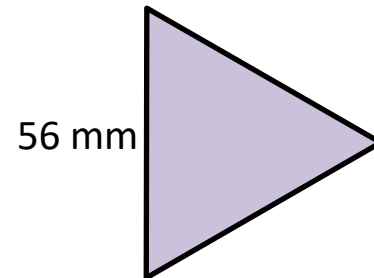
Area = _____

3)



Area = _____

4)



Area = _____

5) An equilateral triangle with sides $8 \frac{1}{2}$ cm. Area = _____

6) An equilateral triangle with sides 15 inches. Area = _____

7) An equilateral triangle with sides 32 cm. Area = _____

8) An equilateral triangle with sides $3 \frac{1}{2}$ ft. Area = _____

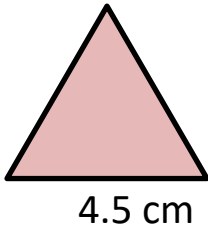
9) An equilateral triangle with sides 1.9 cm. Area = _____

10) An equilateral triangle with sides $3 \frac{1}{4}$ m. Area = _____



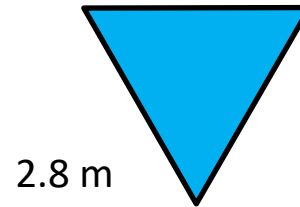
AREA OF AN EQUILATERAL TRIANGLE 2 ANSWERS

1)



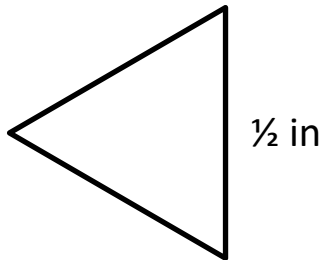
$$\text{Area} = \underline{8.8 \text{ cm}^2}$$

2)



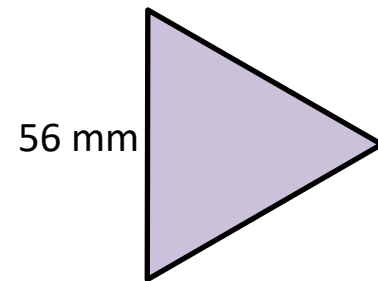
$$\text{Area} = \underline{3.4 \text{ m}^2}$$

3)



$$\text{Area} = \underline{0.1 \text{ in}^2}$$

4)



$$\text{Area} = \underline{1357.9 \text{ mm}^2}$$

5) An equilateral triangle with sides $8 \frac{1}{2}$ cm.

$$\text{Area} = \underline{31.3 \text{ cm}^2}$$

6) An equilateral triangle with sides 15 inches.

$$\text{Area} = \underline{97.4 \text{ in}^2}$$

7) An equilateral triangle with sides 32 cm.

$$\text{Area} = \underline{443.4 \text{ cm}^2}$$

8) An equilateral triangle with sides $3 \frac{1}{2}$ ft.

$$\text{Area} = \underline{5.3 \text{ ft}^2}$$

9) An equilateral triangle with sides 1.9 cm.

$$\text{Area} = \underline{1.6 \text{ cm}^2}$$

10) An equilateral triangle with sides $3 \frac{1}{4}$ m.

$$\text{Area} = \underline{4.6 \text{ m}^2}$$