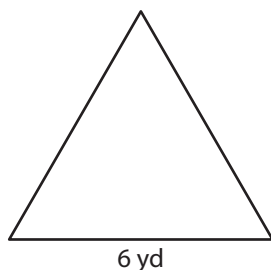


# Area of an Equilateral Triangle

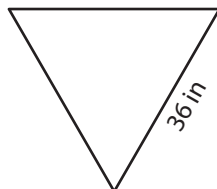
A) Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



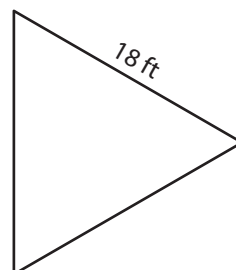
Area = \_\_\_\_\_

2)



Area = \_\_\_\_\_

3)



B) Find the area of each equilateral triangle. Round your answer to two decimal places.

4) side length = 22 in

Area = \_\_\_\_\_

6) side length = 51 ft

Area = \_\_\_\_\_

8) What is the area of the equilateral triangle with side length 10 m?

\_\_\_\_\_

9) The side length of an equilateral triangle is 11 feet. Determine the area of the equilateral triangle.

\_\_\_\_\_

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Name : \_\_\_\_\_

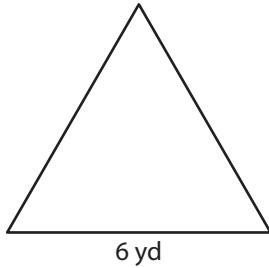
## Answer key

T2S3

### Area of an Equilateral Triangle

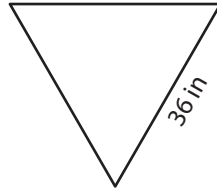
A) Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



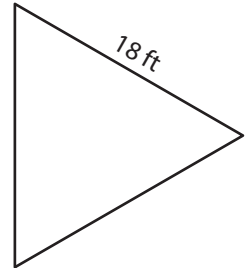
Area = 15.59 yd<sup>2</sup>

2)



Area = 140.3 ft<sup>2</sup>

3)



B) Find the area of each equilateral triangle. Round your answer to two decimal places.

4) side length = 22 in

Area = 209.58 in<sup>2</sup>

6) side length = 51 ft

Area = 1,126.27 ft<sup>2</sup>

8) What is the area of the equilateral triangle with a side length of 11 feet?

21.22 square yards

9) The side length of an equilateral triangle is 11 feet. Determine the area of the equilateral triangle.

52.39 square feet

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