

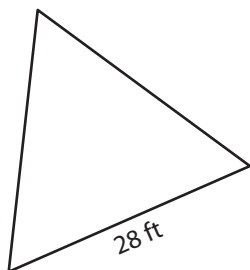
Name : \_\_\_\_\_

T2S2

## Area of an Equilateral Triangle

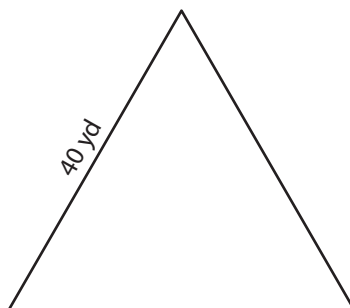
A) Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



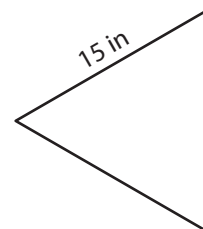
Area = \_\_\_\_\_

2)



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

3)



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

4) side length = 33 yd

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

6) side length = 49 in

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

8) Find the area of an equilateral triangle with a side length of 100 cm.

\_\_\_\_\_

9) What is the area of the equilateral triangle, if the side length is 52 inches?

\_\_\_\_\_

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

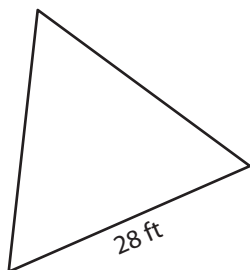
## Answer key

T2S2

### Area of an Equilateral Triangle

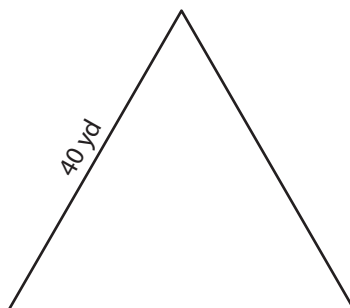
A) Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



Area = 339.48 ft<sup>2</sup>

2)



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

4) side length = 33 yd

Area = 471.55 yd<sup>2</sup>

6) side length = 49 in

Area = 1,039.66 in<sup>2</sup>

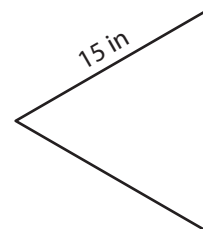
8) Find the area of an equilateral triangle with side length 30 feet.

73.18 square feet

9) What is the area of the equilateral triangle, if the side length is 52 inches?

1,170.87 square inches

3)



Area = 97.43 in<sup>2</sup>

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