



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

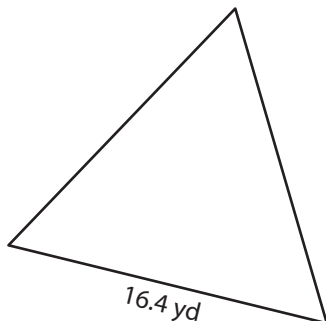
## Answer key

T2S4

### Area of an Equilateral Triangle

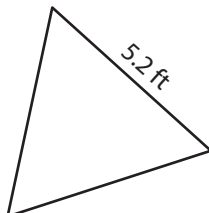
A) Find the area of each equilateral triangle. Round your answer to two decimal places.

1)



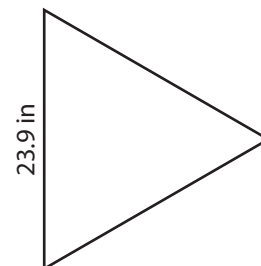
Area = 116.46 yd<sup>2</sup>

2)



Area = 247.34 in<sup>2</sup>

3)



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

4) side length = 9.7 ft

Area = 40.74 ft<sup>2</sup>

6) side length = 8.5 yd

Area = 31.29 yd<sup>2</sup>

8) What is the area of the equilateral triangle with side length 4.4 inches?

1.91 square inches

9) The side length of an equilateral triangle is 17.6 feet. Determine the area of the equilateral triangle.

134.13 square feet

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