

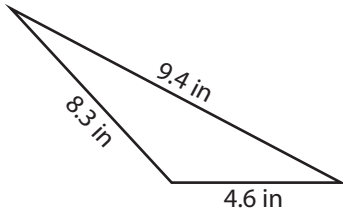
Name : \_\_\_\_\_

## Area of a Scalene Triangle

T2S1

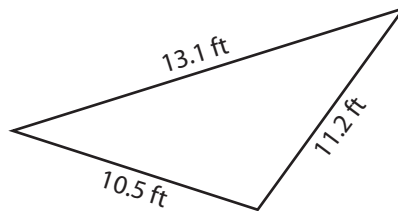
A) Find the area of each scalene triangle. Round your answer to two decimal places.

1)



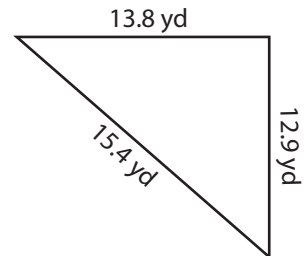
Area = \_\_\_\_\_

2)



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

3)



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

4)  $a = 5.1$  ft,  $b = 6.3$  ft,  $c = 16.6$  in

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

6)  $a = 11.4$  yd,  $b = 9.5$  yd,  $c = 10.9$  ft

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

8) Determine the area of the scalene triangle with side lengths 5.1 inches and 6.8 inches.

\_\_\_\_\_

9) What is the area of the scalene triangle, if the side lengths are 13.7 yards, 15.4 yards and 18.7 yards?

\_\_\_\_\_

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

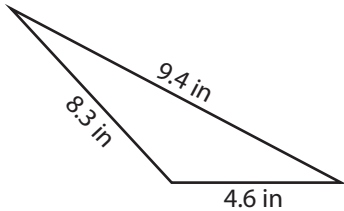
**Answer key**

T2S1

**Area of a Scalene Triangle**

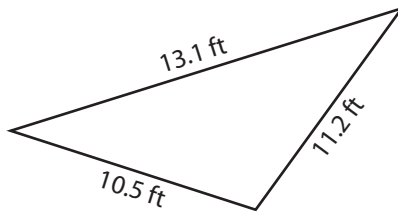
A) Find the area of each scalene triangle. Round your answer to two decimal places.

1)



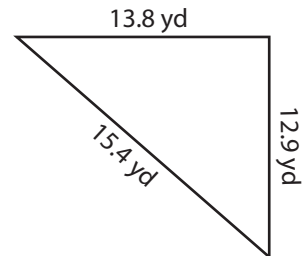
Area = 19.09 in<sup>2</sup>

2)



Area = 15.87 ft<sup>2</sup>

3)



Area = 83.83 yd<sup>2</sup>

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

4) a = 5.1 ft, b = 6.3 ft, c = 7.8 ft

Area = 15.87 ft<sup>2</sup>

6) a = 11.4 yd, b = 9.5 yd, c = 16.6 in

Area = 34.07 yd<sup>2</sup>

8) Determine the area of the scalene triangle with side lengths 5.1 inches and 6.8 inches.

16.97 square inches

9) What is the area of the scalene triangle, if the side lengths are 13.7 yards, 15.4 yards and 18.7 yards?

103.8 square yards

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