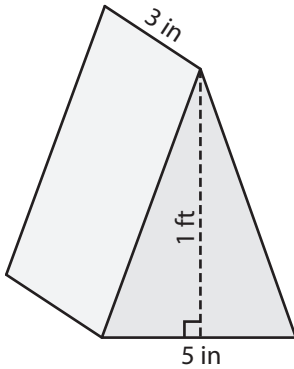


Name : \_\_\_\_\_

# Volume - Triangular Prism

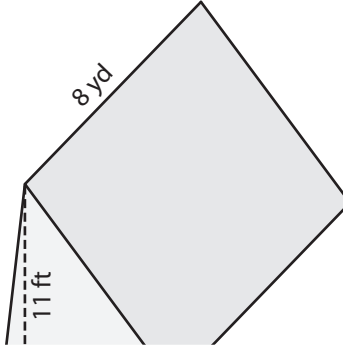
Find the volume of each triangular prism. Round your answer to two decimal places.

1)

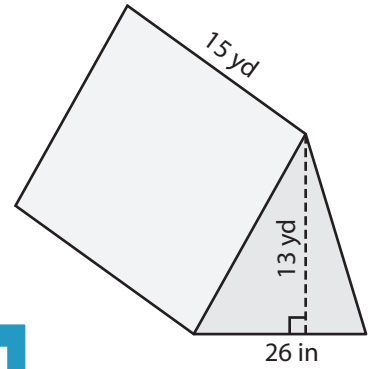


Volume = \_\_\_\_\_

2)

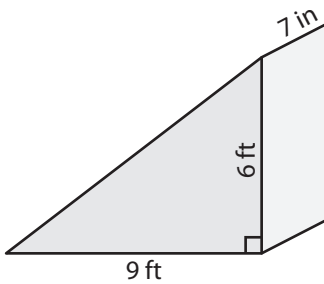


3)

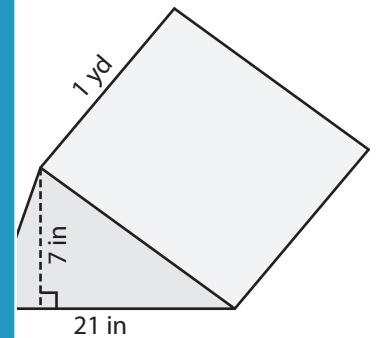


Volume = \_\_\_\_\_ yd<sup>3</sup>

4)



Volume = \_\_\_\_\_



Volume = \_\_\_\_\_ in<sup>3</sup>

7) The base of a prism is a triangle with a base of 12 inches and a height of 8 inches. Determine the volume in cubic inches if its length is 5 yards.

8) The base of a prism is a triangle whose base is 24 feet and height is 17 feet. Find the volume in cubic feet if its length is 4 yards.

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\_\_\_\_\_

\_\_\_\_\_

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

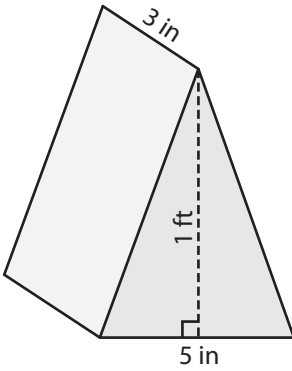
## Answer key

Sheet 2

# Volume - Triangular Prism

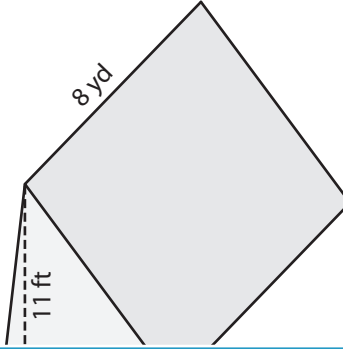
Find the volume of each triangular prism. Round your answer to two decimal places.

1)

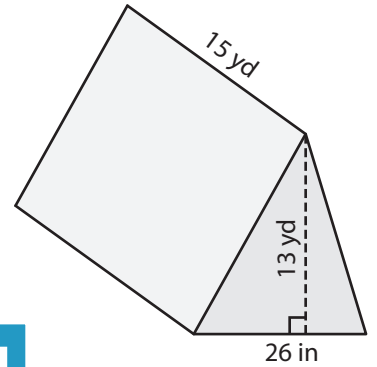


Volume = 90

2)

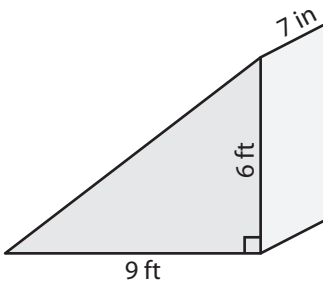


3)



Volume = 70.42 yd<sup>3</sup>

4)



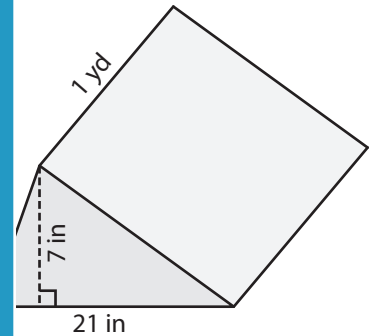
Volume = 15.75

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Volume = 2,646 in<sup>3</sup>

7) The base of a prism is a triangle with a base of 14 feet and a height of 12 feet. The length of the prism is 10 feet. Determine the volume in cubic inches if its length is 10 feet.

15,840 cubic inches

8) The base of a prism is a triangle whose base is 24 feet and height is 17 feet. Find the volume in cubic feet if its length is 4 yards.

2,448 cubic feet