

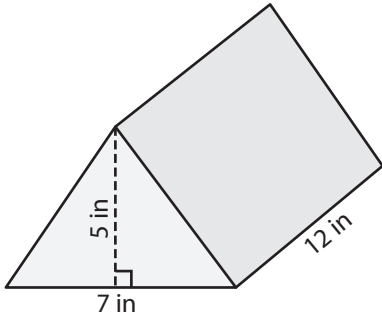
Name : \_\_\_\_\_

## Volume - Triangular Prism

ES1

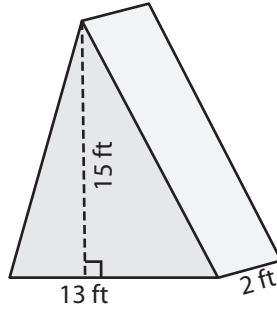
Find the volume of each triangular prism.

1)



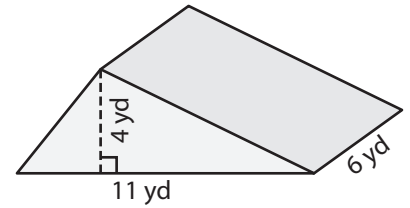
Volume = \_\_\_\_\_

2)



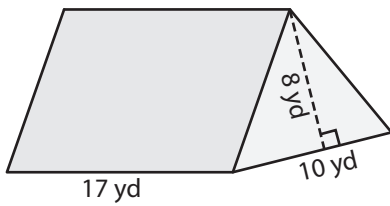
Volume = \_\_\_\_\_

3)



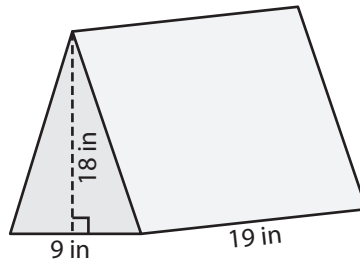
Volume = \_\_\_\_\_

4)



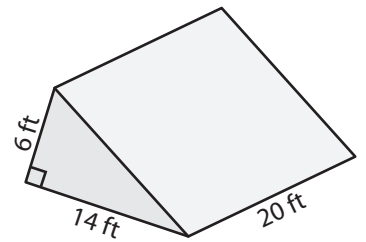
Volume = \_\_\_\_\_

5)



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

6)



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

7) The base of a prism is a right triangle with legs measuring 16 feet and 4 feet. If the height of the prism is 14 feet, find its volume.

\_\_\_\_\_

8) The base of a prism is a triangle with a base of 9 inches and a height of 5 inches. Determine the volume if its length is 18 inches.

\_\_\_\_\_

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

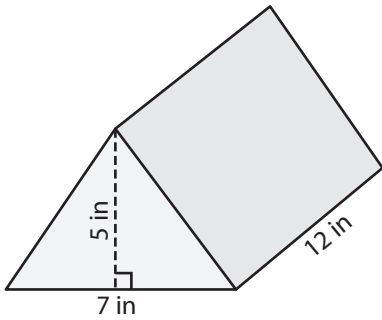
## Answer key

### Volume - Triangular Prism

ES1

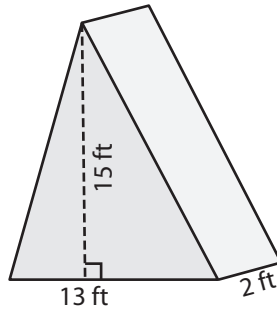
Find the volume of each triangular prism.

1)



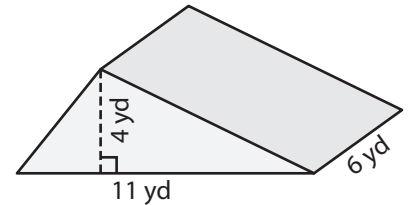
Volume = 210 in<sup>3</sup>

2)



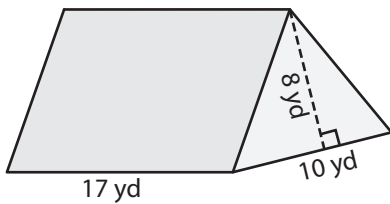
Volume = 195 ft<sup>3</sup>

3)



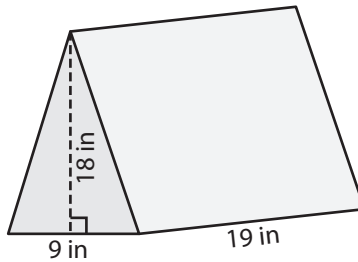
Volume = 132 yd<sup>3</sup>

4)



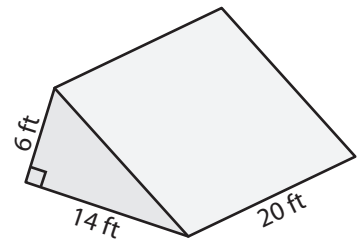
Volume = 680 yd<sup>3</sup>

5)



Volume = 1,539 in<sup>3</sup>

6)



Volume = 840 ft<sup>3</sup>

7) The base of a prism is a right triangle with legs measuring 16 feet and 4 feet. If the height of the prism is 14 feet, find its volume.

448 cubic feet

8) The base of a prism is a triangle with a base of 9 inches and a height of 5 inches. Determine the volume if its length is 18 inches.

405 cubic inches