

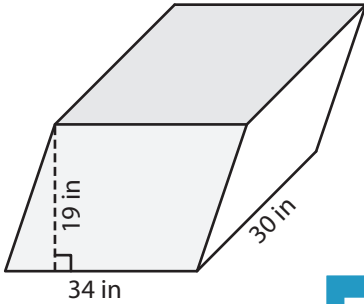
Name: \_\_\_\_\_

## Volume - Prism

MS1

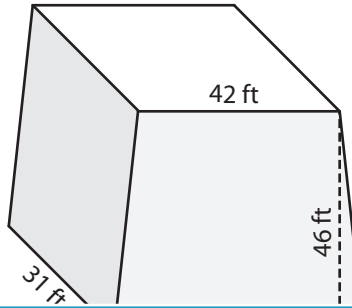
Find the volume of each shape.

1)

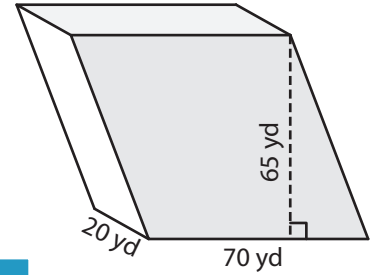


Volume = \_\_\_\_\_

2)

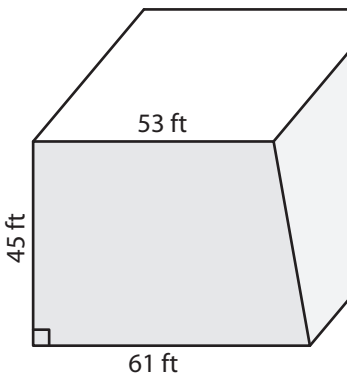


3)



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

4)



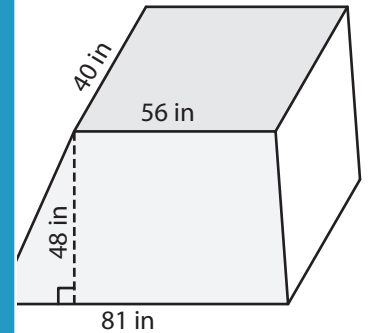
Volume = \_\_\_\_\_

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

7) The base of a prism is a parallelogram with a base of 62 inches and a height of 48 inches. Find the volume of the prism if its length is 30 inches.

Find the volume of the prism if its length is 30 inches and 62 inches respectively.

8) The base of a prism is a trapezoid whose height is 24 feet. The parallel bases of the trapezoid measure 58 feet and 74 feet. If the length of the prism is 63 feet, find its volume.

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

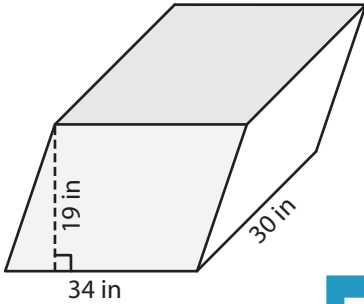
## Answer key

### Volume - Prism

MS1

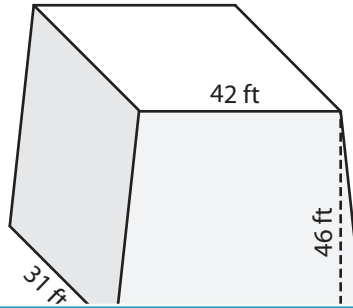
Find the volume of each shape.

1)

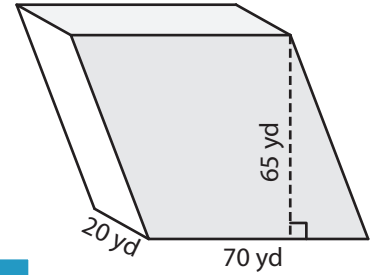


Volume = 19,380 in<sup>3</sup>

2)

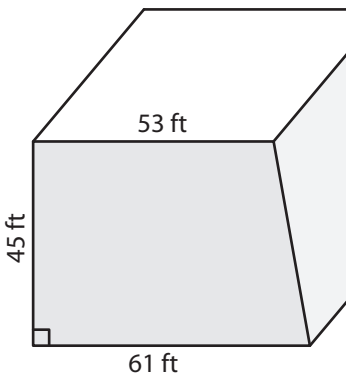


3)



Volume = 91,000 yd<sup>3</sup>

4)



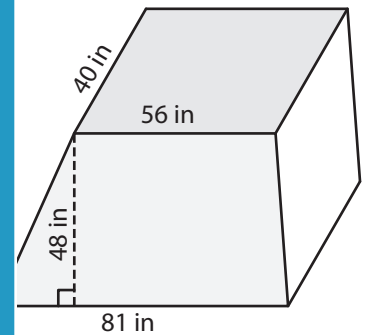
Volume = 97,470 ft<sup>3</sup>

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Volume = 131,520 in<sup>3</sup>

7) The base of a prism is a parallelogram with a base of 62 inches and a height of 48 inches. Find the volume of the prism if the length is 81 inches.

and 62 inches respectively.

308,884 cubic inches

8) The base of a prism is a trapezoid whose height is 24 feet. The parallel bases of the trapezoid measure 58 feet and 74 feet. If the length of the prism is 63 feet, find its volume.

99,792 cubic feet