

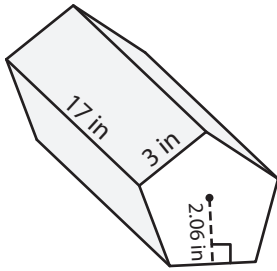
Name: _____

Volume - Prism

L1S1

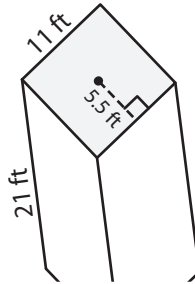
Find the volume of each regular prism.

1)

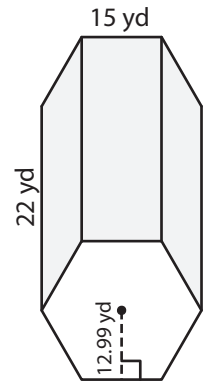


Volume = _____

2)

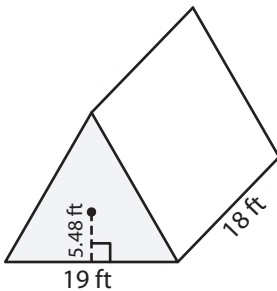


3)



Volume = _____

4)



Volume = _____

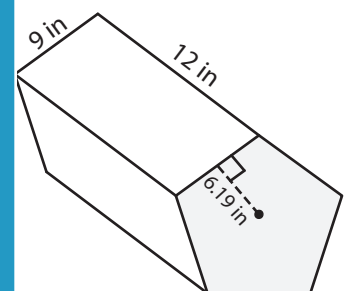
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Volume = _____

7) A regular prism with a triangular base has a length of 10 feet. The side length and the apothem of the base triangle are 2 feet and 0.5 feet respectively. Find the volume of the prism.

Find the volume of the prism and the apothem of the base.

8) A regular hexagonal prism has a length of 13 inches. The side length and the apothem of the base hexagon are 14 inches and 12.12 inches respectively. Determine the volume of the prism.

Name: _____

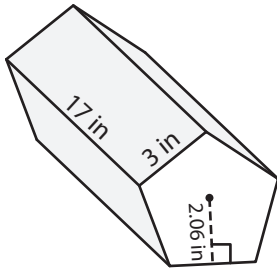
Answer key

Volume - Prism

L1S1

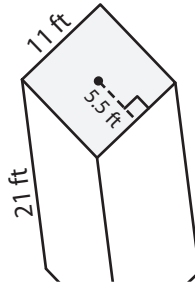
Find the volume of each regular prism.

1)

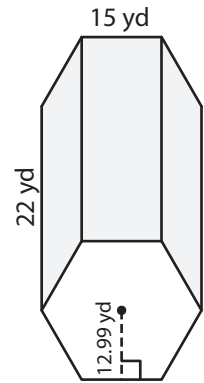


Volume = 262.65 in³

2)

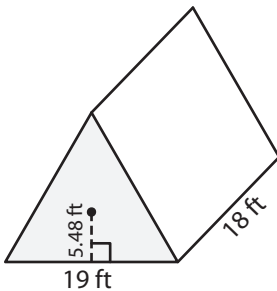


3)



Volume = 12,860.1 yd³

4)



Volume = 2,811.24 ft³

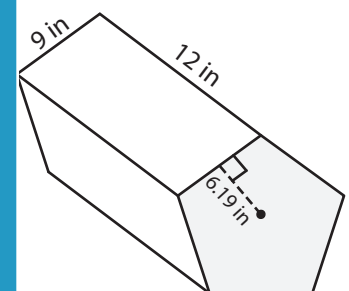
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Volume = 1,671.3 in³

7) A regular prism with a triangular base. The side length of the triangle are 2 feet and 0.5 feet. Determine the volume of the prism.

10.44 cubic feet

8) A regular hexagonal prism has a length of 13 inches. The side length and the apothem of the base hexagon are 14 inches and 12.12 inches respectively. Determine the volume of the prism.

6,617.52 cubic inches