

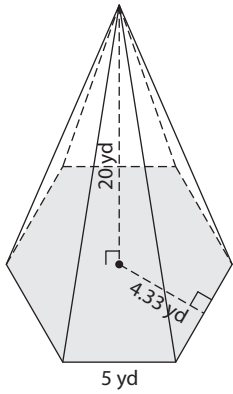
Name : _____

Volume - Pyramids

L1S3

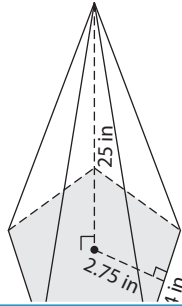
Find the volume of each regular pyramid. Round your answer to two decimal places.

1)

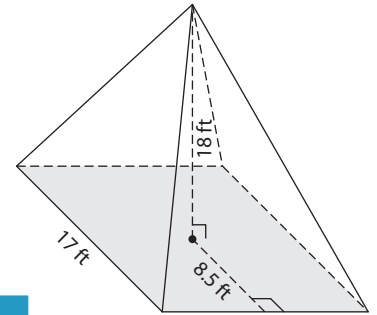


Volume = _____

2)

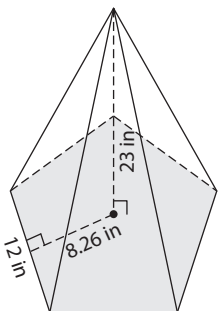


3)



Volume = _____

4)



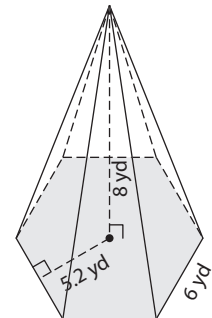
Volume = _____

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Volume = _____

7) A regular hexagonal pyramid has a height of 19 yards and an apothem of 16.45 yards. Find the volume of the pyramid.

Volume = _____

8) A square pyramid has a height of 10 inches. The side length and apothem of the base square are 3 inches and 1.5 inches respectively. Find the volume of the pyramid.

Name : _____

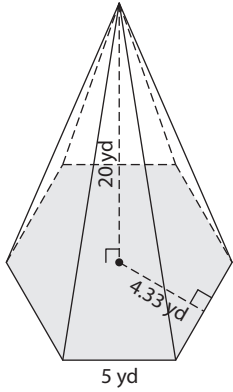
Answer key

Volume - Pyramids

L153

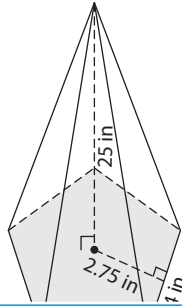
Find the volume of each regular pyramid. Round your answer to two decimal places.

1)

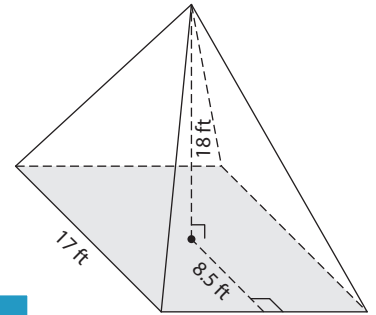


Volume = 433 yd³

2)

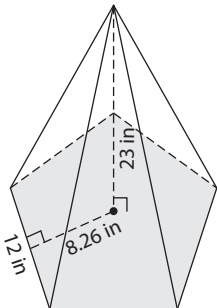


3)



Volume = 1,734 ft³

4)



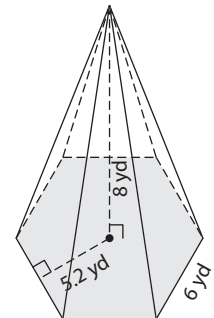
Volume = 1,899.8 in³

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Volume = 249.6 yd³

7) A regular hexagonal pyramid has a height of 19 yards and an apothem of 16.45 yards.

Find the volume of the pyramid.

4,375.7 cubic yards

8) A square pyramid has a height of 10 inches. The side length and apothem of the base square are 3 inches and 1.5 inches respectively. Find the volume of the pyramid.

30 cubic inches