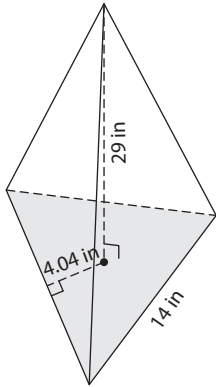


Name : _____

Volume - Pyramids

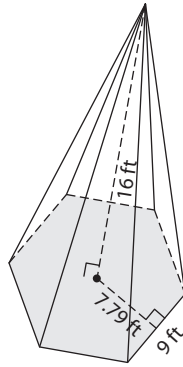
Find the volume of each regular pyramid. Round your answer to two decimal places.

1)



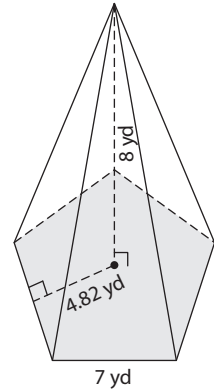
Volume = _____

2)



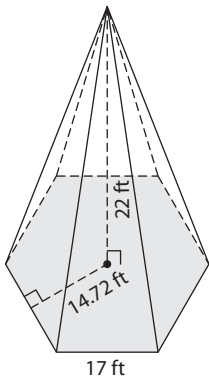
Volume = _____

3)



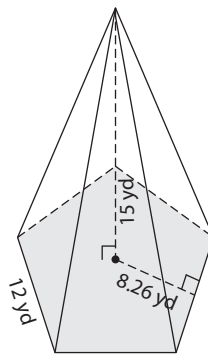
Volume = _____

4)



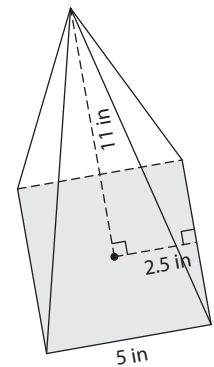
Volume = _____

5)



Volume = _____

6)



Volume = _____

7) A regular pyramid with a triangular base has a height of 13 inches. The side length and apothem of the base triangle are 4 inches and 1.15 inches respectively. Find the volume of the pyramid.

8) A regular pentagonal pyramid has a height of 26 feet. The side length and apothem of the base pentagon are 25 feet and 17.2 feet respectively. Determine the volume of the pyramid. Round your answer to two decimal places.

Name : _____

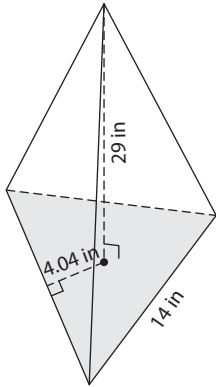
Answer key

Volume - Pyramids

L1S1

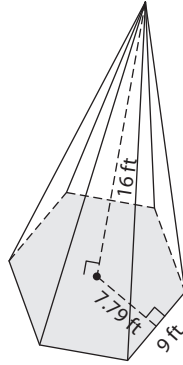
Find the volume of each regular pyramid. Round your answer to two decimal places.

1)



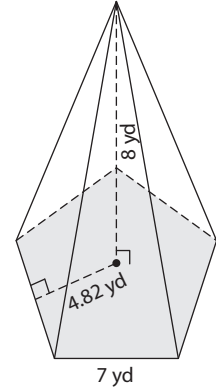
Volume = 820.12 in³

2)



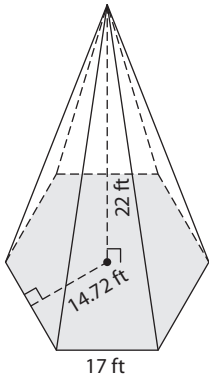
Volume = 1,121.76 ft³

3)



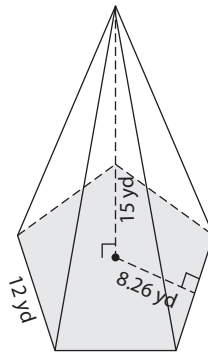
Volume = 224.93 yd³

4)



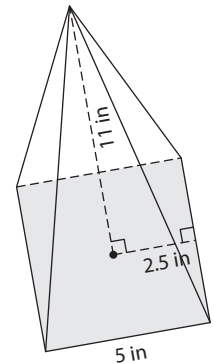
Volume = 5,505.28 ft³

5)



Volume = 1,239 yd³

6)



Volume = 91.67 in³

7) A regular pyramid with a triangular base has a height of 13 inches. The side length and apothem of the base triangle are 4 inches and 1.15 inches respectively. Find the volume of the pyramid.

29.9 cubic inches

8) A regular pentagonal pyramid has a height of 26 feet. The side length and apothem of the base pentagon are 25 feet and 17.2 feet respectively. Determine the volume of the pyramid. Round your answer to two decimal places.

9,316.67 cubic feet