

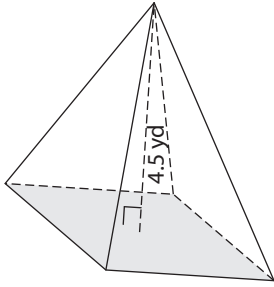
Name : _____

Decimals: S3

Volume - Rectangular Pyramid

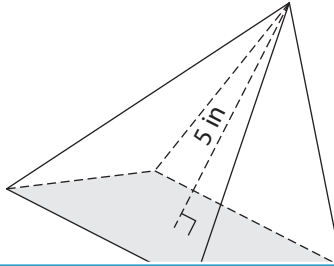
Find the volume of each rectangular pyramid. Round your answer to two decimal places.

1) Base area = 8.58 yd^2

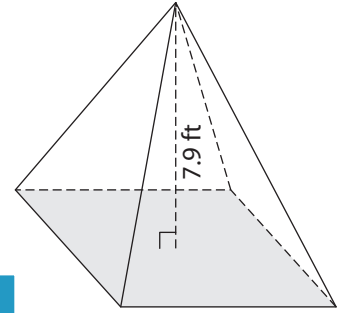


Volume = _____

2) Base area = 53.1 in^2

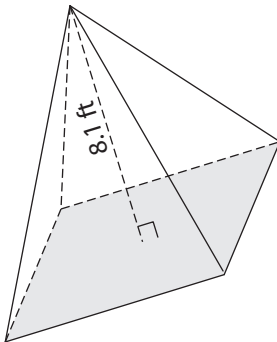


3) Base area = 45.95 ft^2



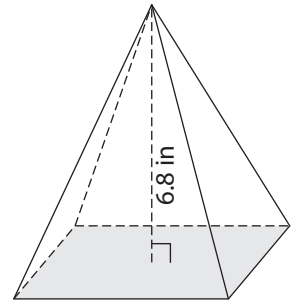
Volume = _____

4) Base area = 63.71 ft^2



Volume = _____

Base area = 100.4 in^2



Volume = _____

7) Determine the volume of a rectangular pyramid with a base area of 12.5 square yards and a height of 1.2 yards.

8) Determine the volume of a rectangular pyramid with a base area of 15.7 square yards and a height of 2.3 yards.

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8) The base area of a rectangular pyramid is 31.84 square inches. Find the volume if its height is 9.4 inches. Round your answer to two decimal places.

Name : _____

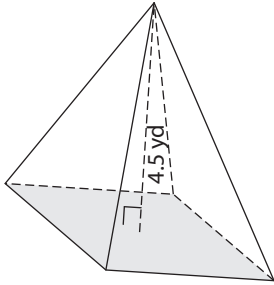
Answer key

Decimals: S3

Volume - Rectangular Pyramid

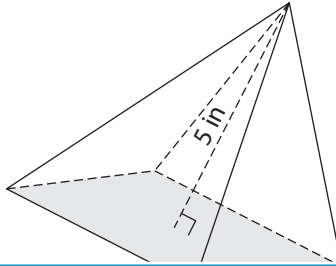
Find the volume of each rectangular pyramid. Round your answer to two decimal places.

1) Base area = 8.58 yd^2

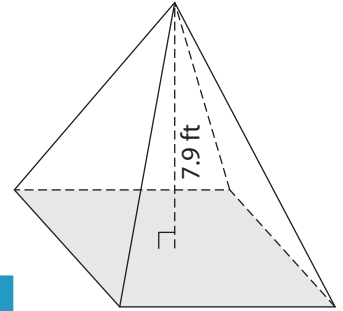


Volume = 12.87 yd³

2) Base area = 53.1 in^2

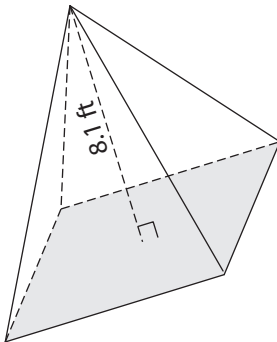


3) Base area = 45.95 ft^2



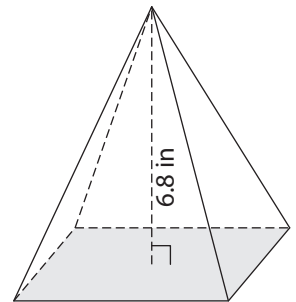
Volume = 121 ft³

4) Base area = 63.71 ft^2



Volume = 172.02 ft³

Base area = 100.4 in^2



Volume = 227.57 in³

7) Determine the volume of a rectangular pyramid with a base area of 1.2 square yards and a height of 1.2 yards.

34 cubic yards

8) The base area of a rectangular pyramid is 31.84 square inches. Find the volume if its height is 9.4 inches. Round your answer to two decimal places.

99.77 cubic inches

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