

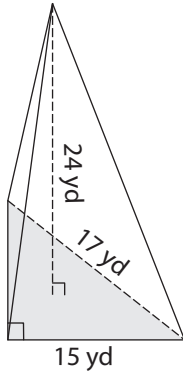
Name : \_\_\_\_\_

## Volume - Triangular Pyramid

Sheet 3

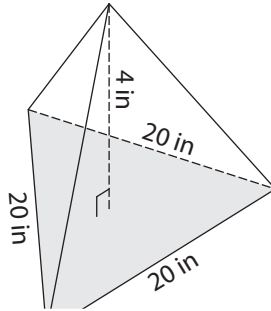
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1)

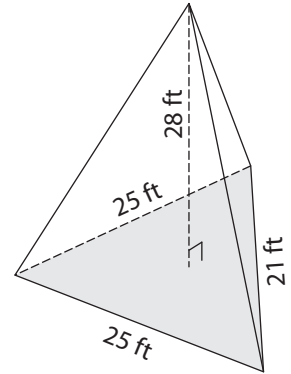


Volume = \_\_\_\_\_

2)

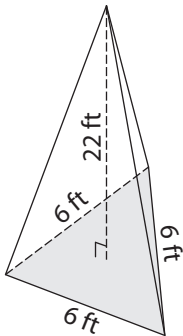


3)



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

4)



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

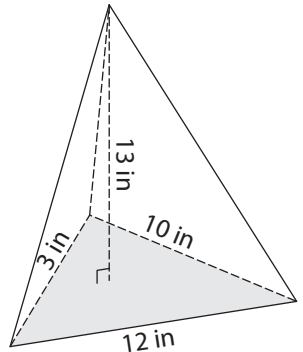
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Volume = \_\_\_\_\_

7) The height of a triangular pyramid is 22 yards, find the volume

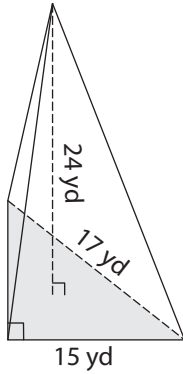
of a triangular pyramid whose base is a right-angled triangle with legs of 12 yards, 21 yards and hypotenuse of 25 yards. Round your answer to two decimal places.

8) The base of a pyramid is an isosceles triangle whose sides measure 14 inches, 14 inches and 17 inches. Determine the volume, if the height of the pyramid is 27 inches. Round your answer to two decimal places.

**Volume - Triangular Pyramid**

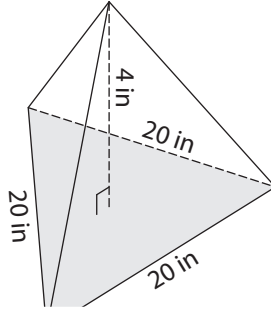
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1)

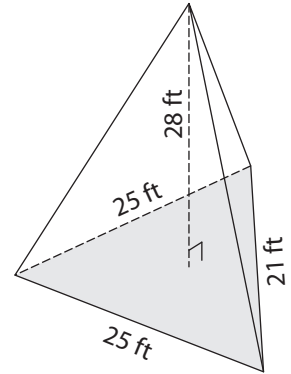


Volume = 480 yd<sup>3</sup>

2)

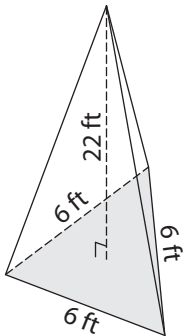


3)



Volume = 2,223.43 ft<sup>3</sup>

4)



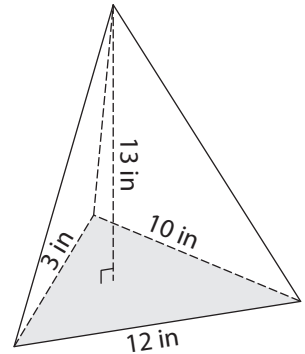
Volume = 114.32 ft<sup>3</sup>

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Volume = 52.8 in<sup>3</sup>

7) The height of a triangular pyramid is 22 yards, find the volume

205.74 cubic yards

are 12 yards, 21 yards and 10 yards. Find the volume. Round your answer to two decimal places.

8) The base of a pyramid is an isosceles triangle whose sides measure 14 inches, 14 inches and 17 inches. Determine the volume, if the height of the pyramid is 27 inches. Round your answer to two decimal places.

851.01 cubic inches