

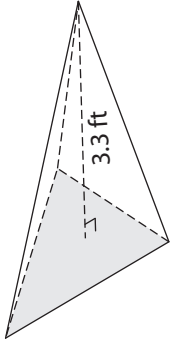
Name : \_\_\_\_\_

## Volume - Triangular Pyramid

Decimals: S3

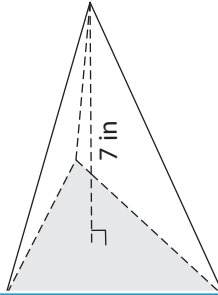
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1) Base Area =  $46.12 \text{ ft}^2$



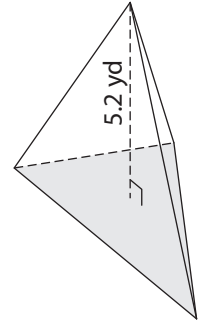
Volume = \_\_\_\_\_

2) Base Area =  $88.43 \text{ in}^2$

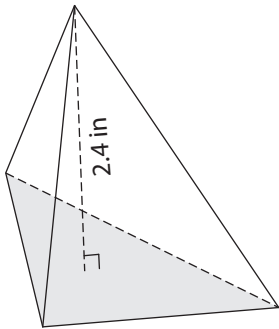


Volume = \_\_\_\_\_

3) Base Area =  $18.9 \text{ yd}^2$

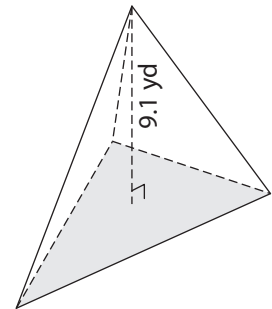


4) Base Area =  $27.5 \text{ in}^2$



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

Base Area =  $51 \text{ yd}^2$



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

7) The height of a triangular pyramid is 4.5 yards and its base area is  $12.5 \text{ yd}^2$ . Find its volume.

find its volume.

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8) A triangular pyramid has a base area of  $66.18 \text{ square yards}$  and a height of  $4 \text{ yards}$ . Round your answer to two decimal places.

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

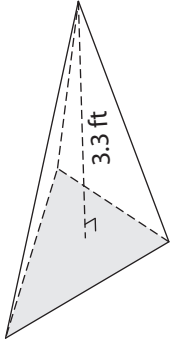
## Answer key

# Volume - Triangular Pyramid

Decimals: S3

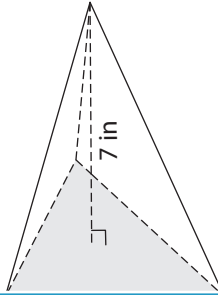
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1) Base Area =  $46.12 \text{ ft}^2$

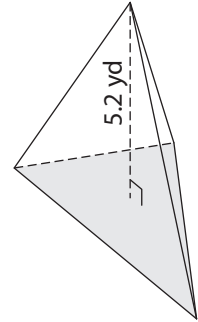


Volume = 50.73 ft<sup>3</sup>

2) Base Area =  $88.43 \text{ in}^2$

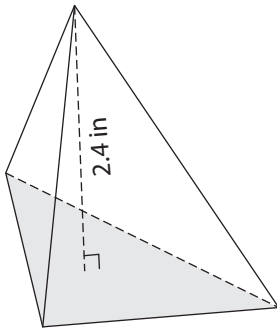


3) Base Area =  $18.9 \text{ yd}^2$



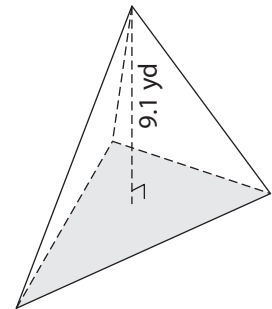
Volume = 32.76 yd<sup>3</sup>

4) Base Area =  $27.5 \text{ in}^2$



Volume = 22 in<sup>3</sup>

Base Area =  $51 \text{ yd}^2$



Volume = 154.7 yd<sup>3</sup>

7) The height of a triangular pyramid is 4 feet and its base area is 40 square feet. Find its volume.

160 cubic feet

8) A triangular pyramid has a base area of 66.18 square yards and a height of 4 yards. Round your answer to two decimal places.

88.24 cubic yards

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