

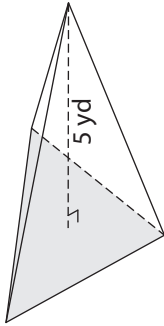
Name : \_\_\_\_\_

# Volume - Triangular Pyramid

Integers: S3

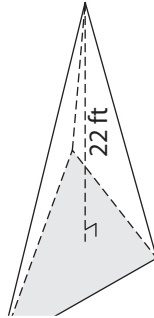
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1) Base Area =  $113 \text{ yd}^2$



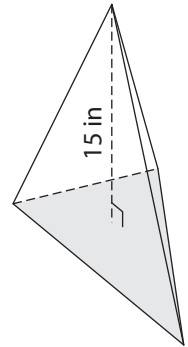
Volume = \_\_\_\_\_

2) Base Area =  $65 \text{ ft}^2$

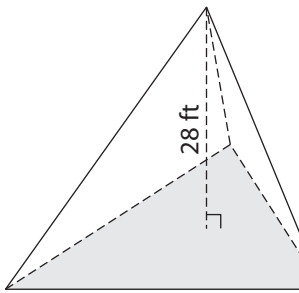


Volume = \_\_\_\_\_

3) Base Area =  $74 \text{ in}^2$

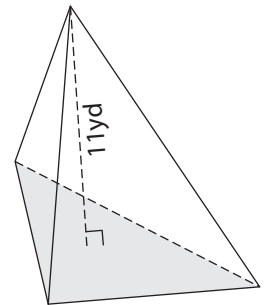


4) Base Area =  $92 \text{ ft}^2$



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

Base Area =  $58 \text{ yd}^2$



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

7) A triangular pyramid has a base area of  $120 \text{ m}^2$  and a height of  $10 \text{ m}$ . Round your answer to two decimal places.

\_\_\_\_\_

8) The height of a triangular pyramid is 24 feet. Find the volume, if its base area is 100 square feet.

\_\_\_\_\_

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Find the height of the pyramid in meters, determine its volume.

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

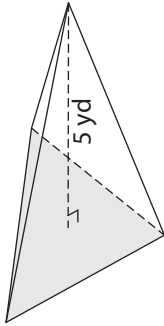
## Answer key

Integers: S3

# Volume - Triangular Pyramid

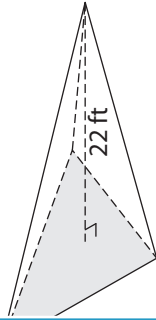
Find the volume of each triangular pyramid. Round your answer to two decimal places.

1) Base Area =  $113 \text{ yd}^2$



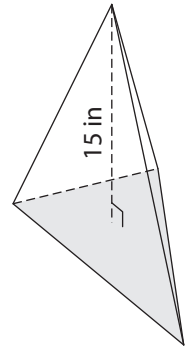
Volume = 188.33 yd<sup>3</sup>

2) Base Area =  $65 \text{ ft}^2$

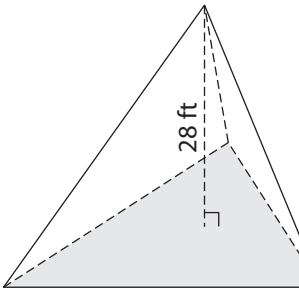


Volume = 370 in<sup>3</sup>

3) Base Area =  $74 \text{ in}^2$

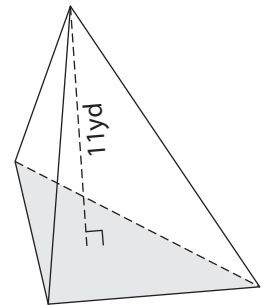


4) Base Area =  $92 \text{ ft}^2$



Volume = 858.67 ft<sup>3</sup>

Base Area =  $58 \text{ yd}^2$



Volume = 212.67 yd<sup>3</sup>

7) A triangular pyramid has a base area of  $113 \text{ yd}^2$  and a height of  $4 \text{ yd}$ . Round your answer to two decimal places.

212.33 cubic yards

8) The height of a triangular pyramid is  $24 \text{ ft}$ . Find the volume, if its base area is  $100 \text{ square feet}$ .

800 cubic feet

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