

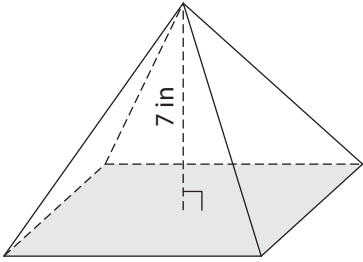
Name : \_\_\_\_\_

## Volume - Pyramids

Integers: S1

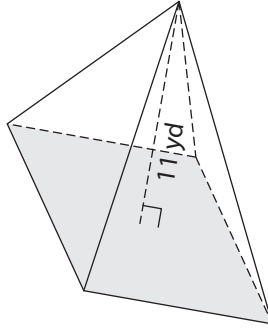
Find the volume of each pyramid. Round your answer to two decimal places.

1) Base area =  $105 \text{ in}^2$



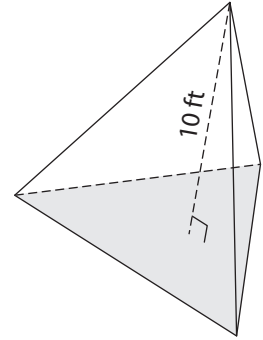
Volume = \_\_\_\_\_

2) Base area =  $66 \text{ yd}^2$



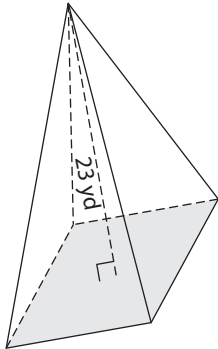
Volume = \_\_\_\_\_

3) Base area =  $148 \text{ ft}^2$



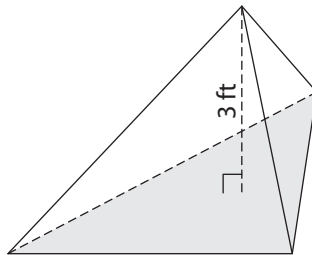
Volume = \_\_\_\_\_

4) Base area =  $153 \text{ yd}^2$



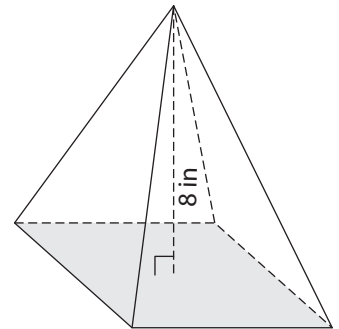
Volume = \_\_\_\_\_

5) Base area =  $20 \text{ ft}^2$



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

6) Base area =  $49 \text{ in}^2$



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

7) Find the volume of the square pyramid with a base area of 29 square feet and a height of 12 feet.

\_\_\_\_\_

8) A triangular pyramid has a height of 28 yards and a base with area of 172 square yards. What is its volume? Round your answer to two decimal places.

\_\_\_\_\_

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

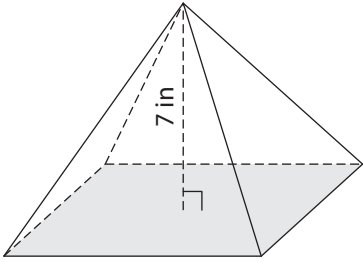
## Answer key

### Volume - Pyramids

Integers: S1

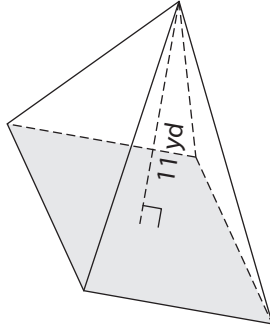
Find the volume of each pyramid. Round your answer to two decimal places.

1) Base area =  $105 \text{ in}^2$



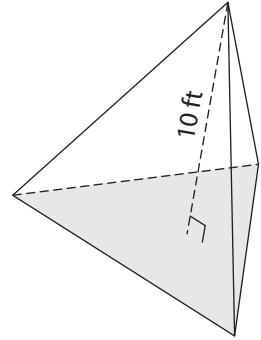
Volume = 245 in<sup>3</sup>

2) Base area =  $66 \text{ yd}^2$



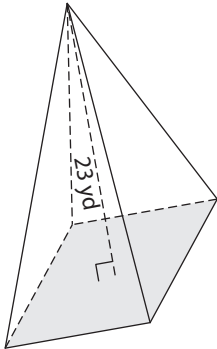
Volume = 242 yd<sup>3</sup>

3) Base area =  $148 \text{ ft}^2$



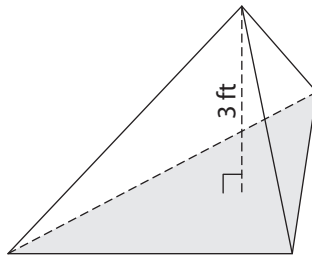
Volume = 493.33 ft<sup>3</sup>

4) Base area =  $153 \text{ yd}^2$



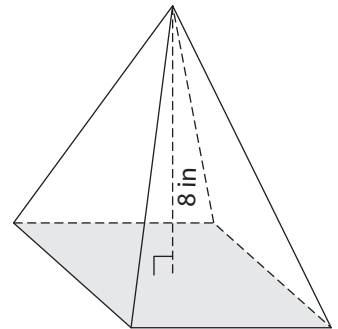
Volume = 1,173 yd<sup>3</sup>

5) Base area =  $20 \text{ ft}^2$



Volume = 20 ft<sup>3</sup>

6) Base area =  $49 \text{ in}^2$



Volume = 130.67 in<sup>3</sup>

7) Find the volume of the square pyramid with a base area of 29 square feet and a height of 12 feet.

116 cubic feet

8) A triangular pyramid has a height of 28 yards and a base with area of 172 square yards. What is its volume? Round your answer to two decimal places.

1,605.33 cubic yards