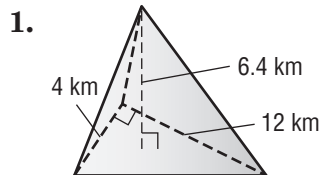


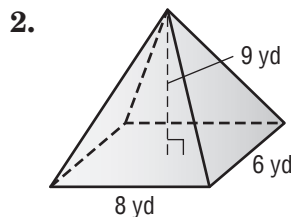
Lesson 5 Skills Practice

Volume of Pyramids

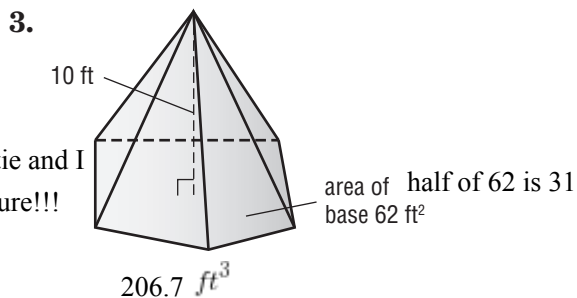
Find the volume of each pyramid. Round to the nearest tenth if necessary.



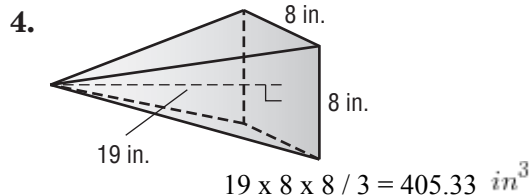
$$4 \times 6.4 \times 12 / 6 = 51.2 \text{ km}^3$$



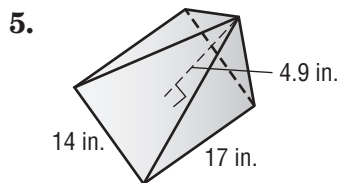
$$8 \times 6 \times 9 / 3 = 144 \text{ yd}^3$$



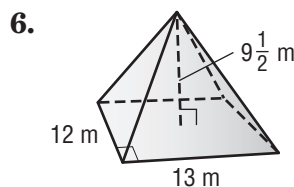
$$206.7 \text{ ft}^3$$



$$19 \times 8 \times 8 / 3 = 405.33 \text{ in}^3$$



$$14 \times 17 \times 4.9 / 3 = 388.73 = 389.0 \text{ in}^3$$



$$12 \times 13 \times 9.5 / 3 = 494 \text{ m}^3$$

Find the height of each pyramid.

7. square pyramid: volume 225 cubic inches, base edge 5 inches

$$72 \text{ in}$$

8. triangular pyramid: volume 56 cubic centimeters, base edge 8 centimeters, base height 7 centimeters

$$6 \text{ cm}$$