NAME KBZOOM DATE _____ PERIOD _____

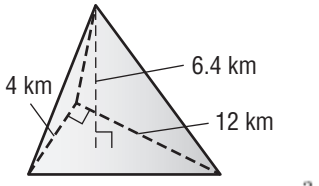
Lesson 5 Skills Practice

Volume of Pyramids

(l x w) x h /3 (b x h /2) x h /3 RP V = b x h x h / 6 triangular

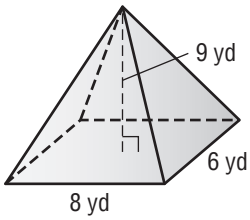
Find the volume of each pyramid. Round to the nearest tenth if necessary.

1.



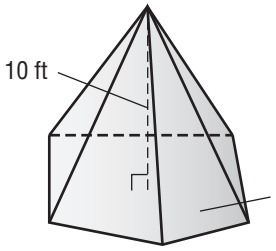
4 x 6.4 x 12 /6 =51.2 km^3

2.



8 x 6 x 9 /3 = 144 yd^3

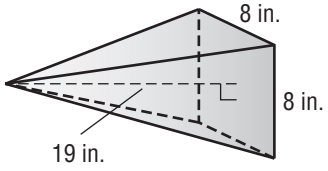
3.



half of 62 is 31

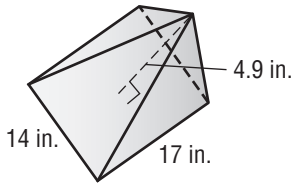
206.7 ft^3

4.



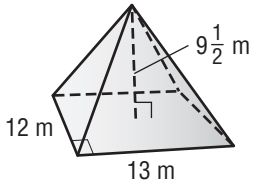
19 x 8 x 8 /3 = 405.33

5.



14 x 17 x 4.9 /3

6.



12 x 13 x 9 1/2 /3 =494

Find the height of each pyramid.

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

17

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

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