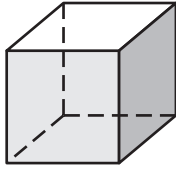


Practice A

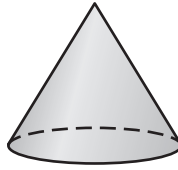
For use with pages 508–516

Match the solid figure with its volume formula. Use each formula once.

1.



2.



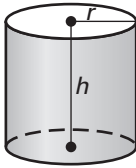
A. $V = \frac{1}{3}\pi r^2 h$

B. $V = Bh$

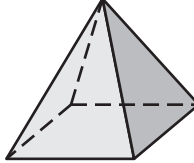
C. $V = \frac{1}{3}Bh$

D. $V = \pi r^2 h$

3.

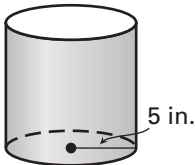


4.

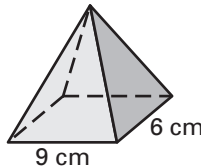


Find the area of the base of the solid. If necessary, round your answer to the nearest whole number.

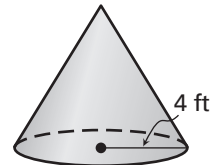
5.



6.

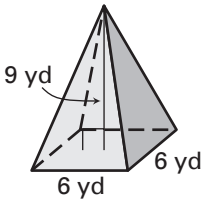


7.

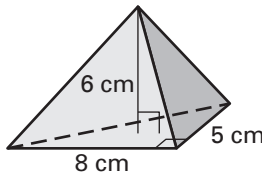


Find the volume of the pyramid.

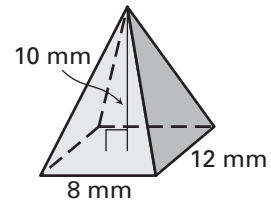
8.



9.

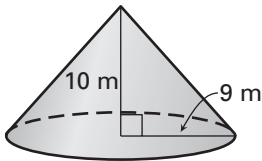


10.

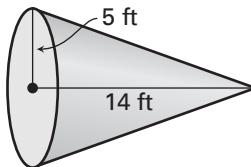


Find the volume of the cone. Round your answer to the nearest whole number.

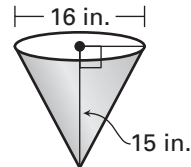
11.



12.



13.



14. A sugar cone for ice cream has a height of 12 centimeters and a circular top with a radius of 3 centimeters. Find the volume of the sugar cone. Round your answer to the nearest whole number.

