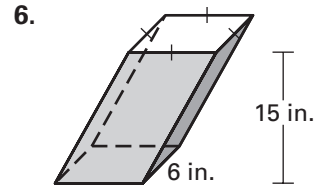
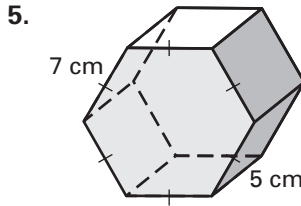
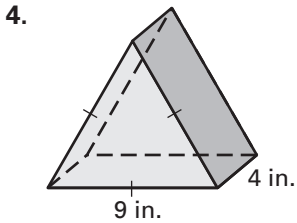
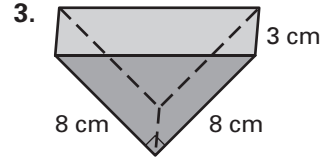
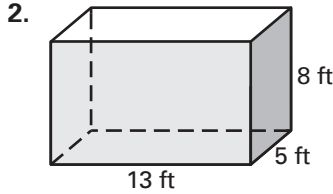
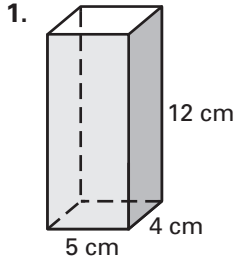


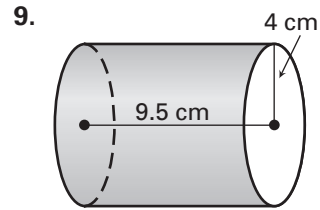
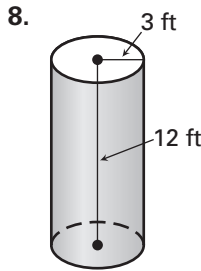
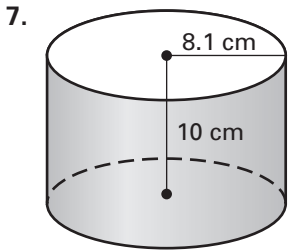
Practice B

For use with pages 743–749

Find the volume of the right prism.

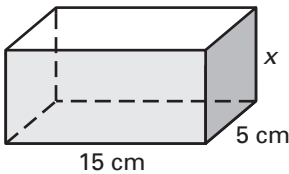


Find the volume of the right cylinder. Round the result to two decimal places.

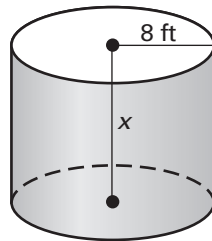


Solve for the variable using the given measurements. The prisms and the cylinders are right.

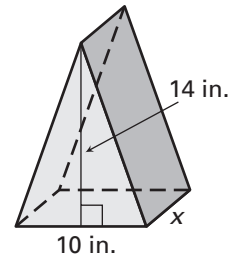
10. Volume = 525 cm^3



11. Volume = 2420 ft^3



12. Volume = 455 in.^3



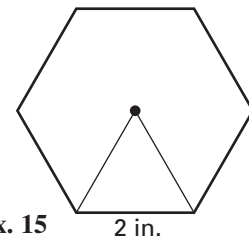
In Exercises 13 and 14, make a sketch of the solid and find its volume. Round the result to two decimal places.

13. A prism has a square base with 5 foot sides and a height of 2.5 feet.

14. A cylinder has a diameter of 23 inches and a height of 16 inches.

15. **Pillars** How much plaster of paris is needed to make four miniature pillars for a model of a home if the pillars are regular hexagonal prisms with a height of 12 in. and base edges of length 2 in.?

Base of pillar



Ex. 15