Name _____   Date _____
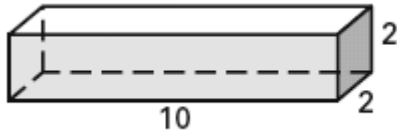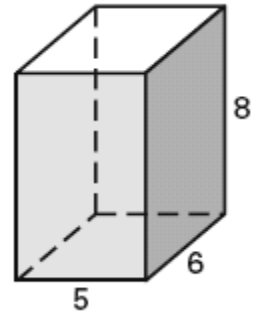
Practice A

Find the volume of the solid by determining how many unit cubes are contained in the solid.
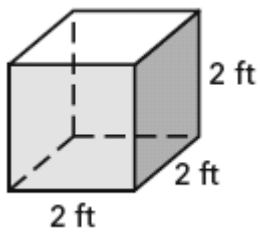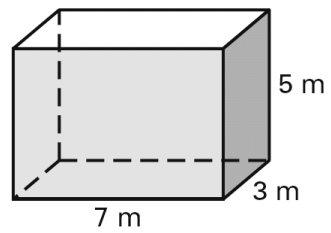
1.

2.

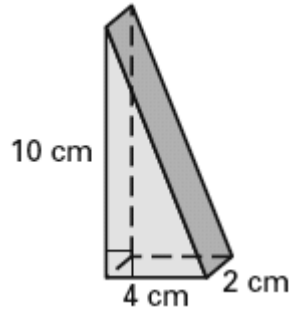**Find the volume of the right prism. Round your answer to two decimal places, if necessary.**
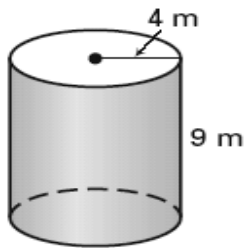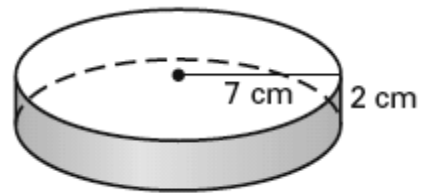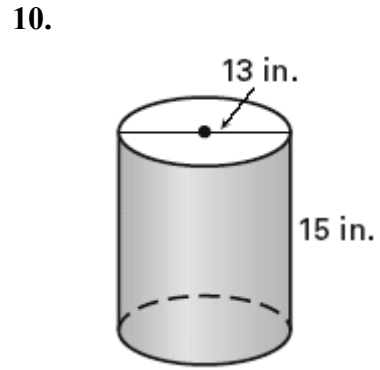
3.

4.

5.

10 cm

4 cm   2 cm

6.

8 yd

10 yd
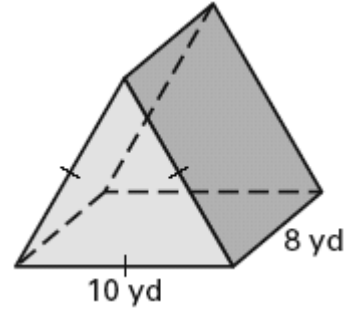
Find the volume of the right cylinder. Round your answer to two decimal places.

7.

4 m

9 m

8.

7 cm   2 cm

9.

6 yd   21 yd

10.

13 in.

15 in.
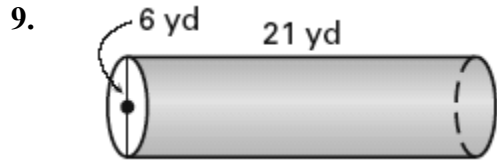
Find the length *x* using the given volume *V*.

11. $V=1440 \text{ m}^3$

8 m

15 m

x

12. $V=72\pi \text{ cm}^3$

x

2 cm

13. $V=360 \text{ ft}^3$

17 ft

x

8 ft