Practice 10-5

Volumes of Prisms and Cylinders

Find the volume of each cylinder to the nearest tenth.

1.

12 m

10 m

2.

40 cm

75 cm

3.

3 in.

1 in.

4.

9 in.

7 in.

5.

5 cm

10 cm

6.

12 cm

8 cm
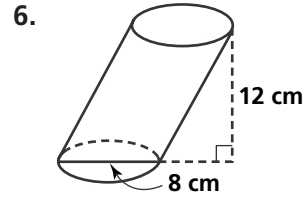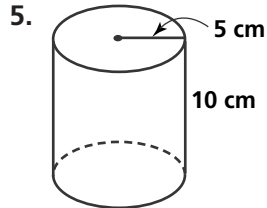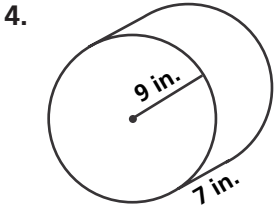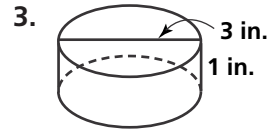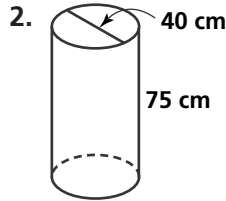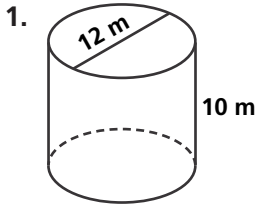
Find the volume of each prism to the nearest whole number.

7.

3 in.

5 in.

8 in.

8.

3 ft

3 ft
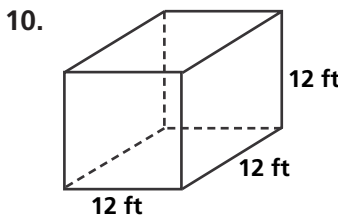
9 ft

3 ft

9.

2 m

7 m

3 m

10.

12 ft

12 ft

12 ft

11.

16 cm

7 cm

7 cm

12. 6 in. 6 in.

17 in.

6 in.
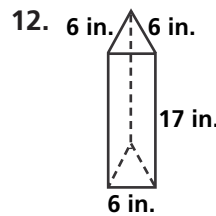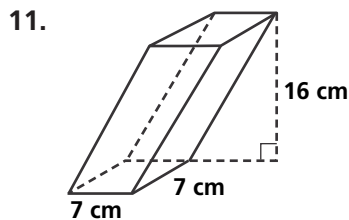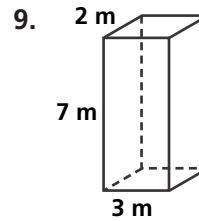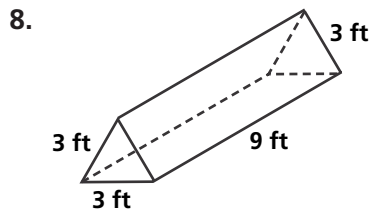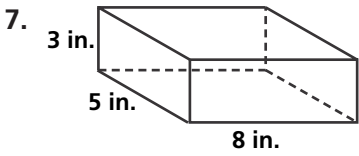
Find the volume of each composite figure to the nearest whole number.

13.

4 ft

8 ft

3 ft

2 ft

6 ft

14.

12 in.

15 in.

6 in.

11 in.

15.

4 m

5 m

12 m

9 m

16 m