Name_____ Date _____

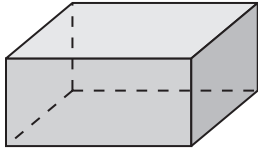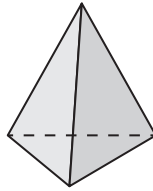## 11.4 Practice A

In Exercises 1–3, tell whether the solid is a polyhedron. If it is, name the polyhedron.
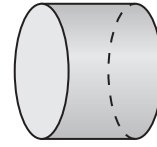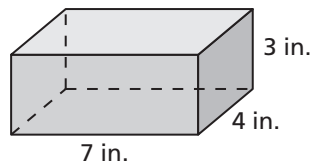
1.

2.

3.

In Exercises 4 and 5, find the volume of the prism.

4.

3 in.
4 in.
7 in.

5.

12 cm
8 cm
9 cm
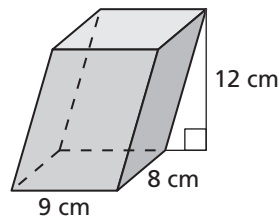
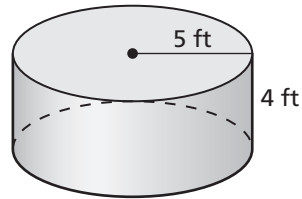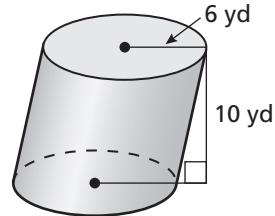**In Exercises 6 and 7, find the volume of the cylinder.**

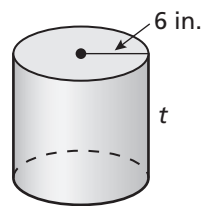**6.**
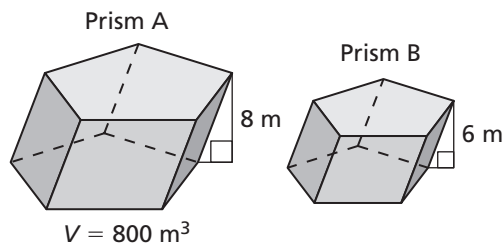
5 ft
4 ft

7.

6 yd
10 yd

In Exercises 8 and 9, find the missing dimension of the prism or cylinder.

8. Volume $= 240 \text{ m}^3$

8 m
s
5 m

9. Volume $= 1244 \text{ in.}^3$

6 in.
t
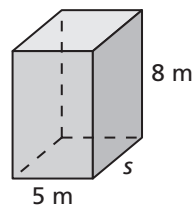
10. The prisms are similar. Find the volume of Prism B.

Prism A

Prism B

8 m
6 m

$V = 800 \text{ m}^3$

11. Find the volume of the composite solid.

4 cm
1 cm
2 cm
5 cm
7 cm
9 cm