Assignment 12.8
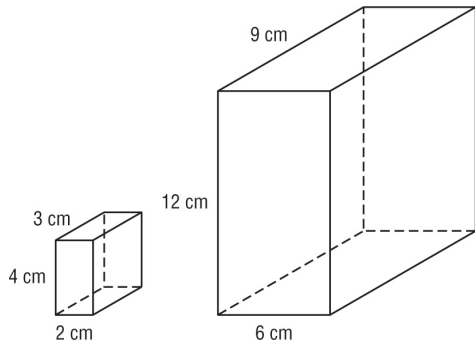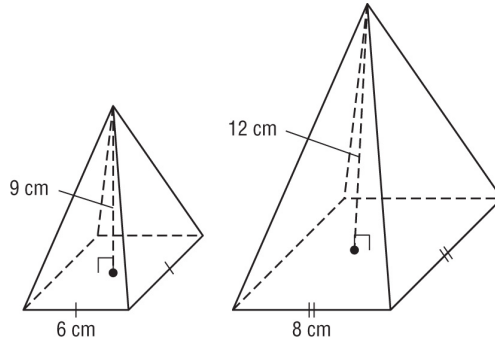
Determine whether each pair of solids is *similar, congruent,* or *neither*. If the solids are similar, state the scale factor.
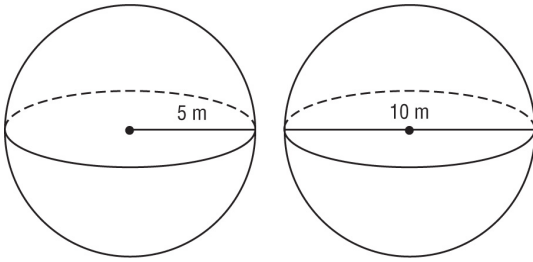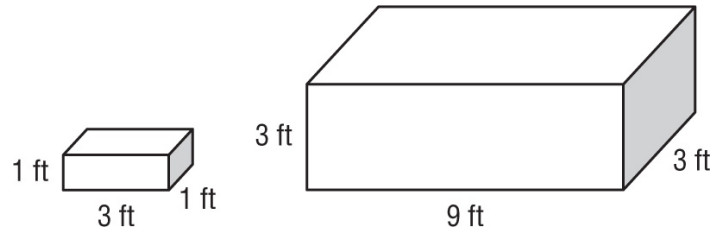
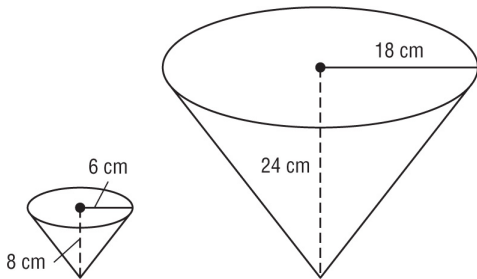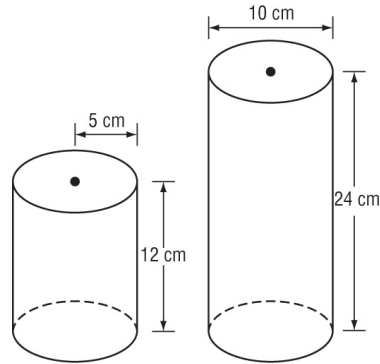**1.**

9 cm

12 cm

3 cm

4 cm

2 cm

6 cm

2.

12 cm

9 cm

6 cm

8 cm

3.

5 m

10 m

4.

3 ft

1 ft

3 ft

1 ft

3 ft

3 ft

9 ft

5.

18 cm

6 cm

24 cm

8 cm

6.

10 cm

5 cm

12 cm

24 cm

7.

1 m

5 m

4 m

3 m

1 m

5 m

4 m

3 m

8.

10 cm

5 cm

5 cm

10 cm

2 cm

1.5 cm