Volume Of Rectangular Prisms

CCSS 6.G.1

1. Find the volume.

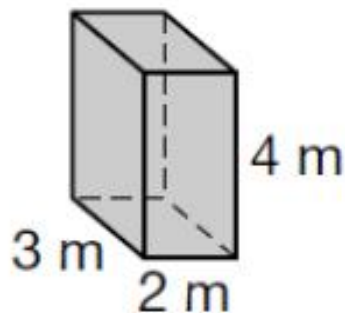A rectangular prism is 13 inches long, 5 inches wide, and 4 inches tall.
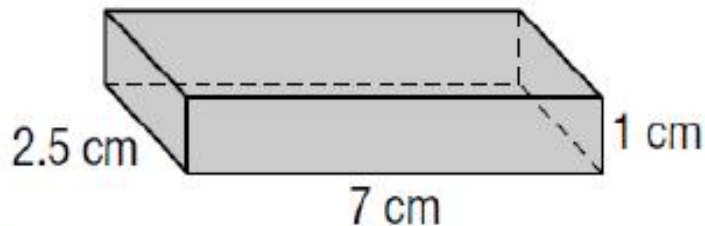
2. Find the volume.

The height of a fish tank is 10 inches and the base measures 20 inches by 12 inches. What volume of water can the tank hold when full?
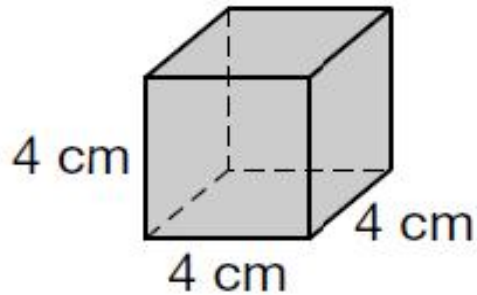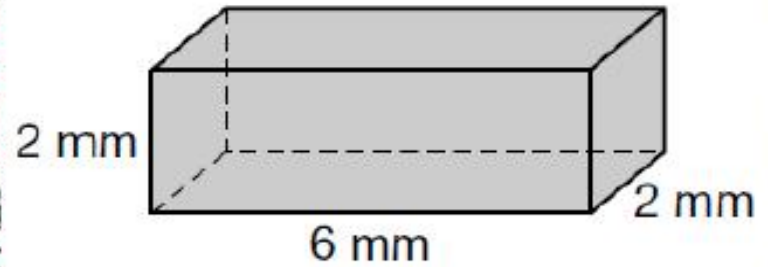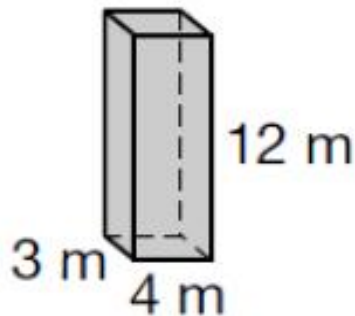
3. Find the volume.

4 m

3 m

2 m

4. Find the volume.

2.5 cm

1 cm

7 cm

5 Find the volume.

4 cm

4 cm

4 cm

6 Find the volume.

2 mm

2 mm

6 mm

7 Find the volume.

12 m

3 m

4 m

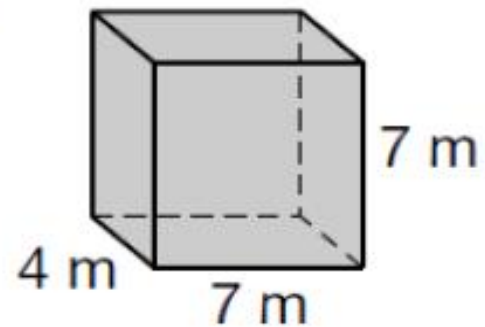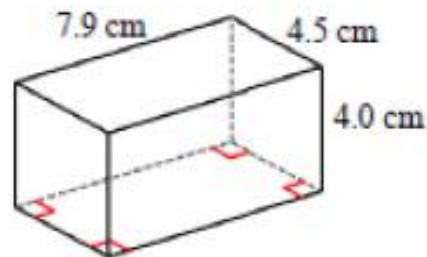## 8 Find the volume.

7 m

4 m

7 m

9

A 50-pound bag of peanuts is 2 feet by 4 feet by 1 foot. If a 50-cubic-foot space is available for storing the bags, how many can be stored?
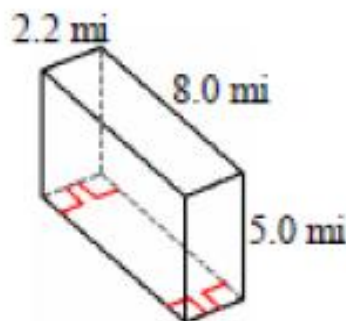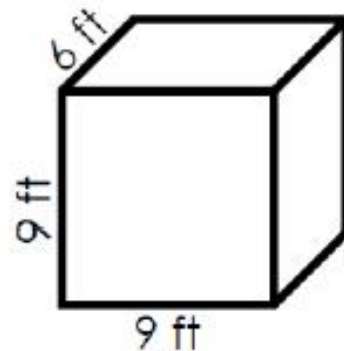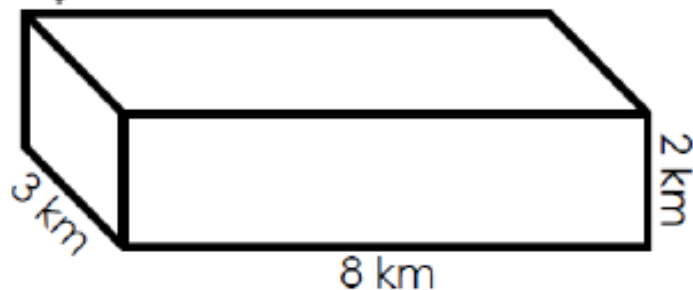
10 Find the volume.

7.9 cm   4.5 cm

4.0 cm

11 Find the volume.

2.2 mi

8.0 mi

5.0 mi

12 Find the volume.

6 ft

9 ft

9 ft

13 Find the volume.
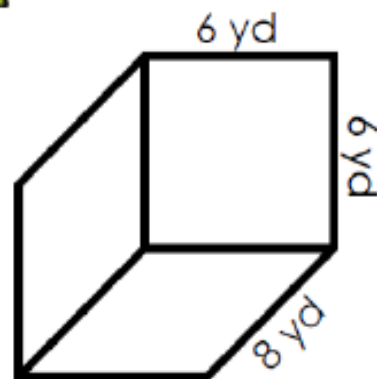
3 km 8 km 2 km

14 Find the volume.

6 yd 6 yd 8 yd

15 Find the volume of a rectangular prism with:

Length = 9m
Width = 7m
Height = 3m

16 Find the volume of a rectangular prism with:

Length = 12 mi
Width = 2 mi
Height = 3 mi

17 Find the volume of a rectangular prism with:

Length = 6 ft
Width = 4 ft
Height = 7 ft
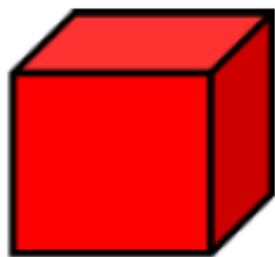
18 Find the volume of a rectangular prism with:
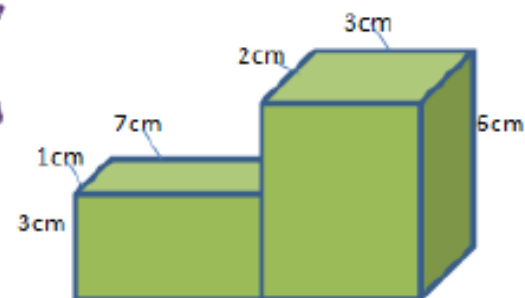
Length = 16 ft
Width = 4 ft
Height = 5 ft

19 Find the volume of the cube.

3 ft.

20

3cm
2cm
7cm
1cm
3cm
6cm

Find the total volume of the rectangular prisms.

Volume of Rectangular Prisms		
Name:		
1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.
13.	14.	15.
16.	17.	18.
19.		20.

Volume of Rectangular Prisms		
Name:		
1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	12.
13.	14.	15.
16.	17.	18.
19.		20.