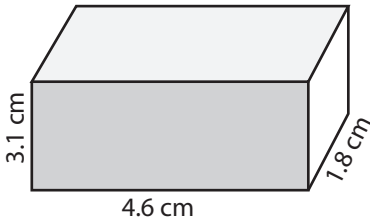## Volume - Rectangular Prism

Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

3.1 cm
4.6 cm
1.8 cm

Volume = _____
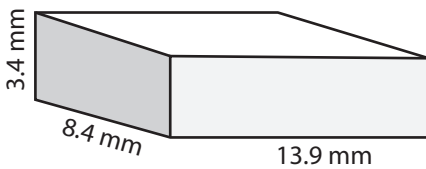
2)

2.1 ft
5.2 ft
4.6 ft

Volume = _____

3)

4.7 m
3.3 m
2.9 m

Volume = _____

4)

3.4 mm
8.4 mm
13.9 mm

Volume = _____

5)

6.2 mm
14.5 mm
19.1 mm

Volume = _____

6)

4.1 in
18.6 in
12.4 in

Volume = _____

7)

13.3 cm
17.9 cm
5.9 cm

Volume = _____

8)

17.5 in
4.1 in
6.2 in

Volume = _____

9)

9.9 ft
12.9 ft
3.6 ft

Volume = _____

10) A cargo container has a length of 14.6 meter, a width of 7.3 meter and a height of 7.3 meter. Find the volume of the container.

Volume = _____

Volume - Rectangular Prism
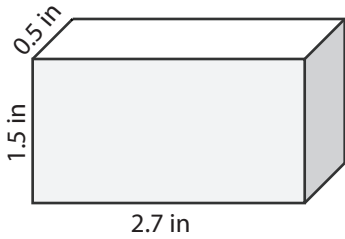
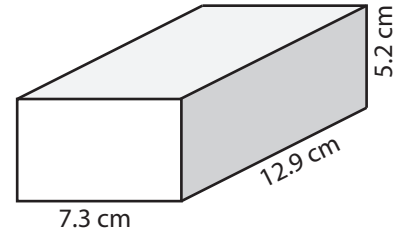Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

0.5 in

1.5 in

2.7 in

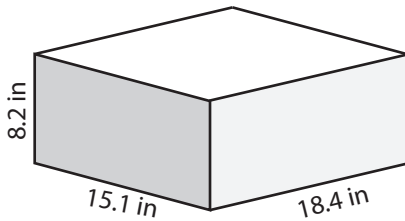Volume = _____

2)

13.1 m

7.4 m

6.9 m

Volume = _____

3)

5.2 cm

12.9 cm

7.3 cm

Volume = _____

4)

8.2 in

15.1 in   18.4 in

Volume = _____

5)

16.8 ft

7.3 ft   10.5 ft

Volume = _____

6)

4.4 m

9.2 m

2.7 m

Volume = _____

7)

17.3 mm

11.1 mm   4.9 mm

Volume = _____

8)

10.2 cm

9.5 cm   13.2 cm

Volume = _____

9)

6.6 ft

14.9 ft   2 ft

Volume = _____

10) Lisa wants to have air conditioning at her office. The dimension of the office is 9.8 feet x 4.4 feet x 17.9 feet. Find the volume of air needs to be cooled.

Volume = _____

Volume - Rectangular Prism
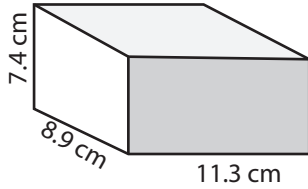
Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

7.4 cm
8.9 cm
11.3 cm

Volume = _____

2)

17.1 mm
13.9 mm
3.3 mm

Volume = _____

3)

7.3 m
6.7 m
19.8 m

Volume = _____

4)

5.1 mm
10.2 mm
13.5 mm

Volume = _____

5)

11.7 ft
18.5 ft
4.9 ft

Volume = _____

6)

3.1 m
9.3 m
14.8 m

Volume = _____

7)

4.1 in
9.5 in
5.7 in

Volume = _____

8)

15.6 in
12.2 in
10.4 in

Volume = _____

9)

3.9 cm
6.3 cm
2.5 cm
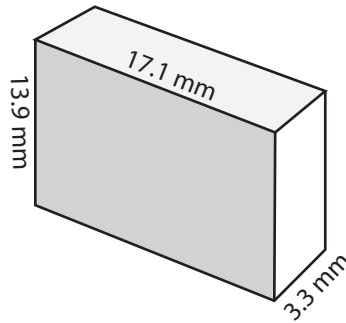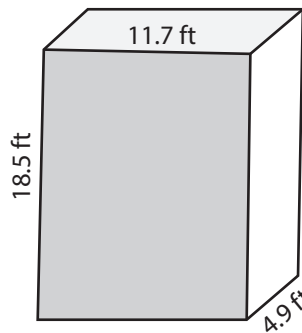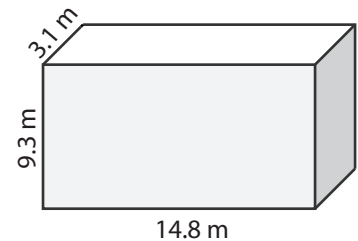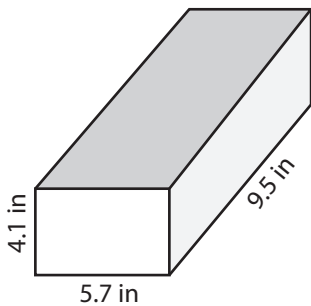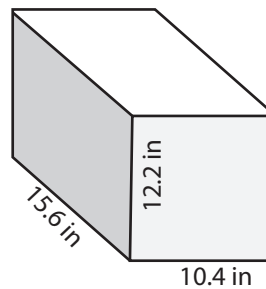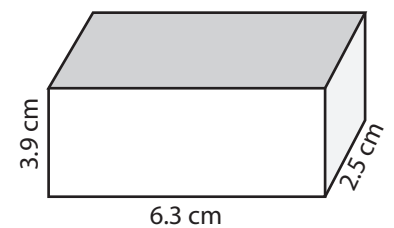
Volume = _____

10) A book has a length of 15.3 centimeter, a width of 6.9 centimeter and a height of 2.9 centimeter. What is the volume of the book?

Volume = _____

Name : _____

Score : _____

DS1

Volume - Rectangular Prism

Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

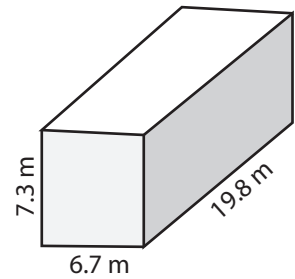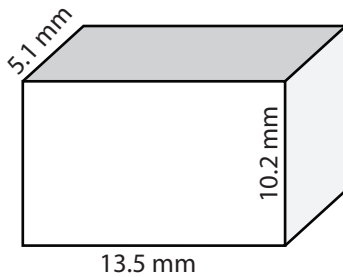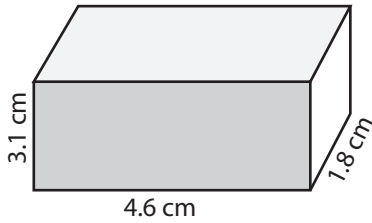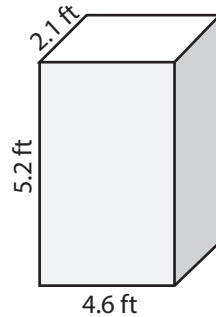3.1 cm, 4.6 cm, 1.8 cm
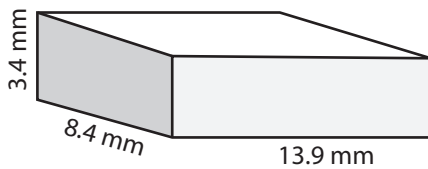
Volume = **25.7 cm³**

2)

2.1 ft, 5.2 ft, 4.6 ft

Volume = **50.2 ft³**

3)

4.7 m, 3.3 m, 2.9 m

Volume = **45 m³**

4)

3.4 mm, 8.4 mm, 13.9 mm

Volume = **397 mm³**

5)

6.2 mm, 14.5 mm, 19.1 mm

Volume = **1717.1 mm³**

6)

4.1 in, 18.6 in, 12.4 in

Volume = **945.6 in³**

7)

13.3 cm, 17.9 cm, 5.9 cm

Volume = **1404.6 cm³**

8)

17.5 in, 4.1 in, 6.2 in

Volume = **444.9 in³**

9)

9.9 ft, 12.9 ft, 3.6 ft
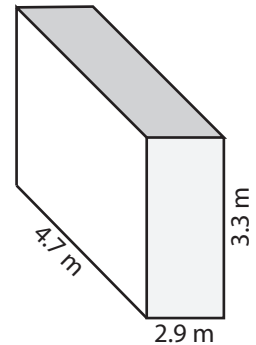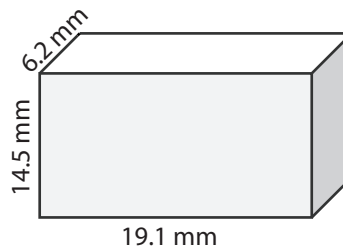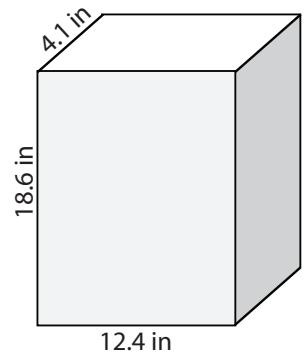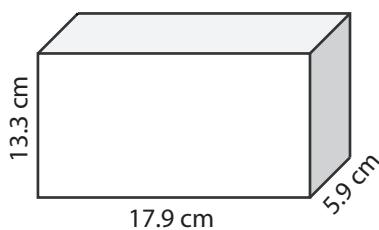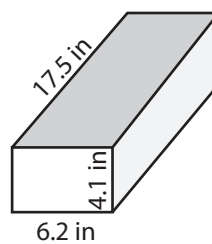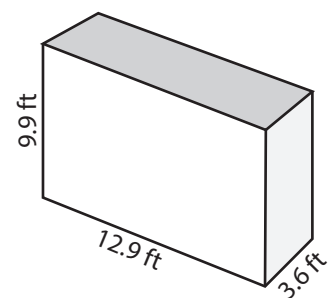
Volume = **459.8 ft³**

10) A cargo container has a length of 14.6 meter, a width of 7.3 meter and a height of 7.3 meter. Find the volume of the container.

Volume = **778 m³**

Name : _____

Score : _____

DS2

Volume - Rectangular Prism

Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

0.5 in
1.5 in
2.7 in

Volume = __**2 in³**__

2)

13.1 m
7.4 m
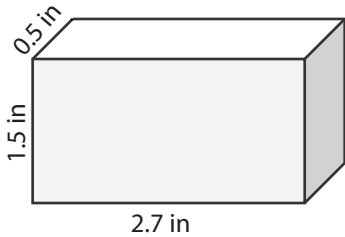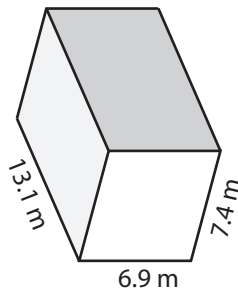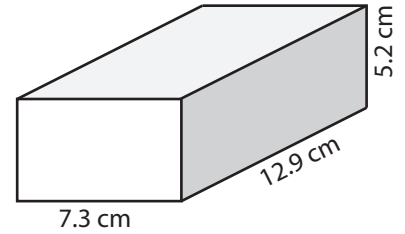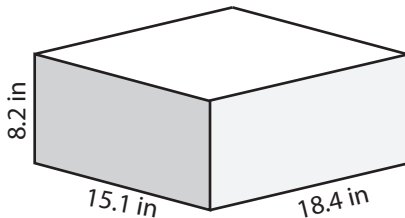6.9 m

Volume = __**668.9 m³**__

3)

5.2 cm
12.9 cm
7.3 cm

Volume = __**489.7 cm³**__

4)

8.2 in
15.1 in
18.4 in

Volume = __**2278.3 in³**__

5)

16.8 ft
7.3 ft
10.5 ft

Volume = __**1287.7 ft³**__

6)

4.4 m
9.2 m
2.7 m

Volume = __**109.3 m³**__

7)

17.3 mm
11.1 mm
4.9 mm

Volume = __**940.9 mm³**__

8)

10.2 cm
9.5 cm
13.2 cm

Volume = __**1279.1 cm³**__

9)

6.6 ft
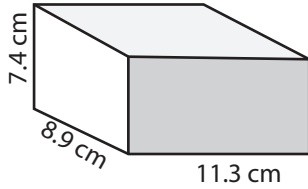14.9 ft
2 ft
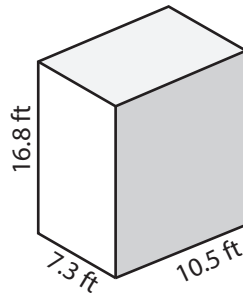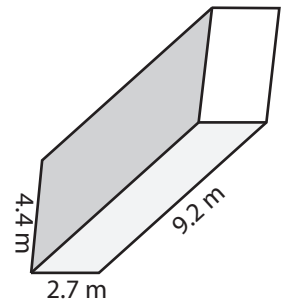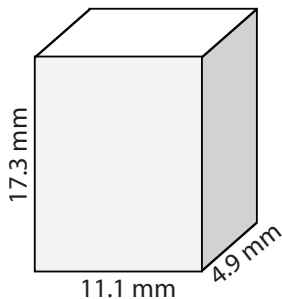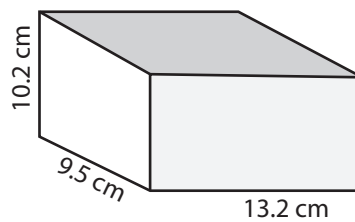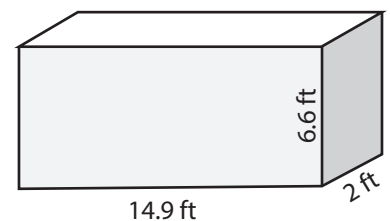
Volume = __**196.7 ft³**__

10) Lisa wants to have air conditioning at her office. The dimension of the office is 9.8 feet x 4.4 feet x 17.9 feet. Find the volume of air needs to be cooled.

Volume = __**771.8 ft³**__

Answer Key

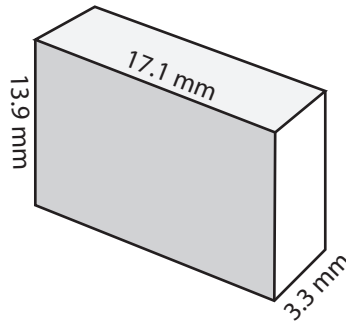## Volume - Rectangular Prism

Find the volume of each rectangular prism. Round the answer to nearest tenth.

1)

7.4 cm
8.9 cm
11.3 cm

Volume = **744.2 cm³**
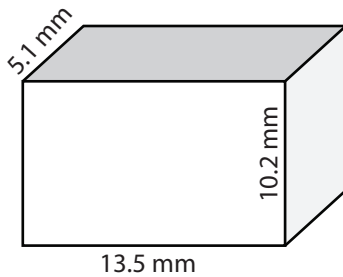
2)

13.9 mm
17.1 mm
3.3 mm

Volume = **784.4 mm³**

3)

7.3 m
6.7 m
19.8 m

Volume = **968.4 m³**

4)

5.1 mm
10.2 mm
13.5 mm

Volume = **702.3 mm³**

5)

11.7 ft
18.5 ft
4.9 ft

Volume = **1060.6 ft³**

6)

3.1 m
9.3 m
14.8 m

Volume = **426.7 m³**

7)

4.1 in
9.5 in
5.7 in

Volume = **222 in³**

8)

15.6 in
12.2 in
10.4 in

Volume = **1979.3 in³**

9)

3.9 cm
6.3 cm
2.5 cm
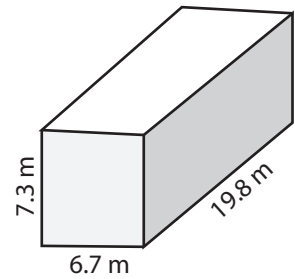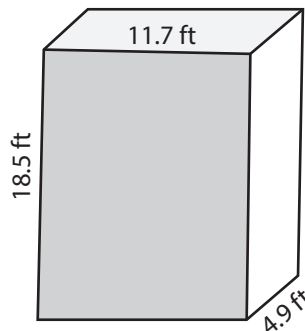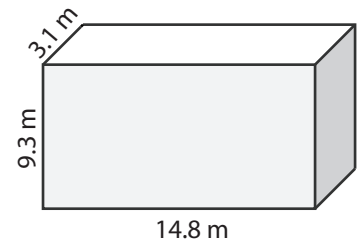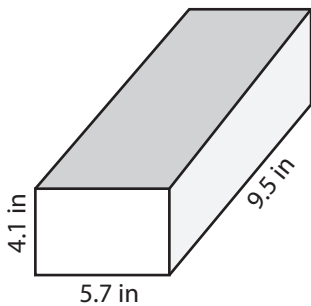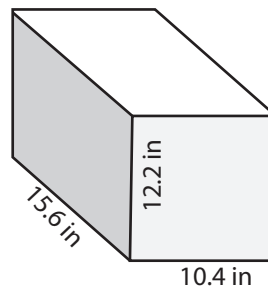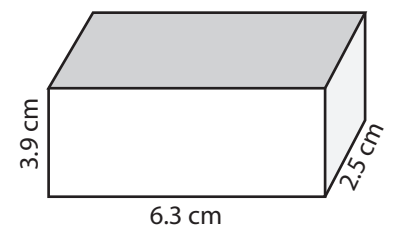
Volume = **61.4 cm³**

10) A book has a length of 15.3 centimeter, a width of 6.9 centimeter and a height of 2.9 centimeter. What is the volume of the book?

Volume = **306.2 cm³**