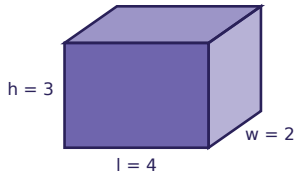
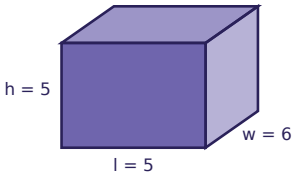
Volume of Rectangular Prisms · 1

A box is 4 cm long, 2 cm wide, and 3 cm tall. What is its volume in cubic centimeters?



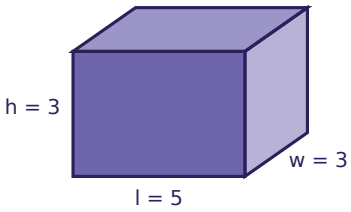

Volume of Rectangular Prisms · 2

A box is 5 cm long, 6 cm wide, and 5 cm tall. What is its volume in cubic centimeters?



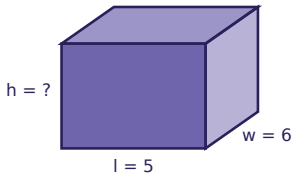

Volume of Rectangular Prisms · 3

The bottom of this box has an area of 15 square centimeters, and the box is 3 cm tall. What is its volume in cubic centimeters?




Volume of Rectangular Prisms · 4

The volume of this box is 120 cubic centimeters. What is its height (h) in centimeters?




Volume of Rectangular Prisms · 5

A box is 5 cm long, 4 cm wide, and 2 cm tall. Volume = 5 × 4 × 2 = 20 × 2 = ___

Volume of Rectangular Prisms · 6

A box has a volume of 45 cubic centimeters. It is 3 cm long and 3 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 7

Box A is 6 cm by 2 cm by 5 cm. Box B is 6 cm by 3 cm by 6 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 8

A box is 2 cm long, 6 cm wide, and 2 cm tall, so its volume is 24 cubic centimeters. A second box is just as long and wide but twice as tall. What is the volume of the second box in cubic centimeters?

Volume of Rectangular Prisms · 2

**ANSWER**

**150**

Volume of Rectangular Prisms · 1

**ANSWER**

**24**

Volume of Rectangular Prisms · 4

**ANSWER**

**4**

Volume of Rectangular Prisms · 3

**ANSWER**

**45**

Volume of Rectangular Prisms · 6

**ANSWER**

**5**

Volume of Rectangular Prisms · 5

**ANSWER**

**40**

Volume of Rectangular Prisms · 8

**ANSWER**

**48**

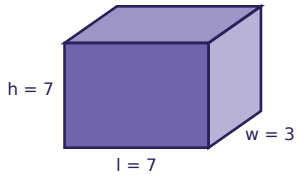
Volume of Rectangular Prisms · 7

**ANSWER**

**B**

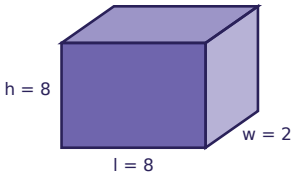
Volume of Rectangular Prisms · 9

A box is 7 cm long, 3 cm wide, and 7 cm tall. What is its volume in cubic centimeters?



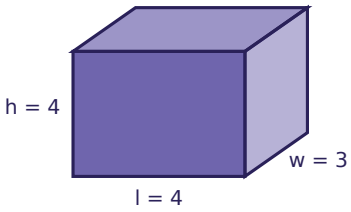

Volume of Rectangular Prisms · 10

A box is 8 cm long, 2 cm wide, and 8 cm tall. What is its volume in cubic centimeters?



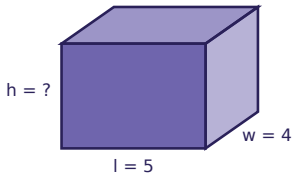

Volume of Rectangular Prisms · 11

The bottom of this box has an area of 12 square centimeters, and the box is 4 cm tall. What is its volume in cubic centimeters?




Volume of Rectangular Prisms · 12

The volume of this box is 140 cubic centimeters. What is its height (h) in centimeters?




Volume of Rectangular Prisms · 13

A box is 6 cm long, 5 cm wide, and 2 cm tall. Volume = 6 × 5 × 2 = 30 × 2 = ___

Volume of Rectangular Prisms · 14

A box has a volume of 84 cubic centimeters. It is 3 cm long and 7 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 15

Box A is 8 cm by 6 cm by 5 cm. Box B is 5 cm by 5 cm by 6 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 16

A box is 7 cm long, 6 cm wide, and 6 cm tall, so its volume is 252 cubic centimeters. A second box is just as long and wide but twice as tall. What is the volume of the second box in cubic centimeters?

Volume of Rectangular Prisms · 10

**ANSWER**

**128**

Volume of Rectangular Prisms · 9

**ANSWER**

**147**

Volume of Rectangular Prisms · 12

**ANSWER**

**7**

Volume of Rectangular Prisms · 11

**ANSWER**

**48**

Volume of Rectangular Prisms · 14

**ANSWER**

**4**

Volume of Rectangular Prisms · 13

**ANSWER**

**60**

Volume of Rectangular Prisms · 16

**ANSWER**

**504**

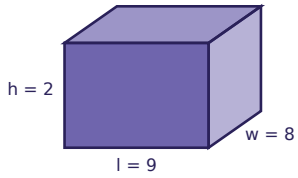
Volume of Rectangular Prisms · 15

**ANSWER**

**A**

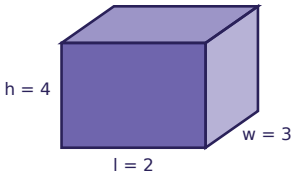
Volume of Rectangular Prisms · 17

A box is 9 cm long, 8 cm wide, and 2 cm tall. What is its volume in cubic centimeters?



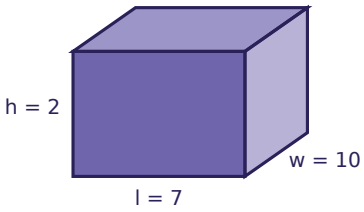

Volume of Rectangular Prisms · 18

A box is 2 cm long, 3 cm wide, and 4 cm tall. What is its volume in cubic centimeters?



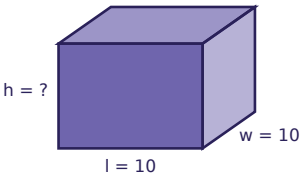

Volume of Rectangular Prisms · 19

The bottom of this box has an area of 70 square centimeters, and the box is 2 cm tall. What is its volume in cubic centimeters?




Volume of Rectangular Prisms · 20

The volume of this box is 500 cubic centimeters. What is its height (h) in centimeters?




Volume of Rectangular Prisms · 21

A box is 5 cm long, 10 cm wide, and 6 cm tall. Volume = 5 × 10 × 6 = 50 × 6 = ___

Volume of Rectangular Prisms · 22

A box has a volume of 100 cubic centimeters. It is 5 cm long and 10 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 23

Box A is 2 cm by 7 cm by 2 cm. Box B is 3 cm by 5 cm by 9 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 24

A box is 5 cm long, 6 cm wide, and 10 cm tall, so its volume is 300 cubic centimeters. A second box is just as long and wide but twice as tall. What is the volume of the second box in cubic centimeters?

Volume of Rectangular Prisms · 18

**ANSWER**

**24**

Volume of Rectangular Prisms · 17

**ANSWER**

**144**

Volume of Rectangular Prisms · 20

**ANSWER**

**5**

Volume of Rectangular Prisms · 19

**ANSWER**

**140**

Volume of Rectangular Prisms · 22

**ANSWER**

**2**

Volume of Rectangular Prisms · 21

**ANSWER**

**300**

Volume of Rectangular Prisms · 24

**ANSWER**

**600**

Volume of Rectangular Prisms · 23

**ANSWER**

**B**