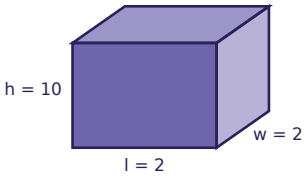
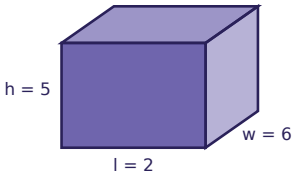
Volume of Rectangular Prisms · 1

A box is 2 cm long, 2 cm wide, and 10 cm tall. What is its volume in cubic centimeters?



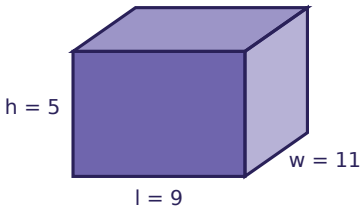
Volume of Rectangular Prisms · 2

A box is 2 cm long, 6 cm wide, and 5 cm tall. What is its volume in cubic centimeters?



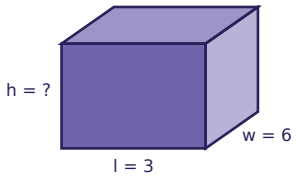
Volume of Rectangular Prisms · 3

The bottom of this box has an area of 99 square centimeters, and the box is 5 cm tall. What is its volume in cubic centimeters?



Volume of Rectangular Prisms · 4

The volume of this box is 36 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 5

A box is 7 cm long, 7 cm wide, and 9 cm tall. Volume = 7 × 7 × 9 = 49 × 9 = ___

Volume of Rectangular Prisms · 6

A box has a volume of 1,008 cubic centimeters. It is 12 cm long and 7 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 7

Box A is 5 cm by 7 cm by 9 cm. Box B is 3 cm by 2 cm by 4 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 8

A box is 5 cm long, 8 cm wide, and 5 cm tall, so its volume is 200 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

60

Volume of Rectangular Prisms · 1

ANSWER

40

Volume of Rectangular Prisms · 4

ANSWER

2

Volume of Rectangular Prisms · 3

ANSWER

495

Volume of Rectangular Prisms · 6

ANSWER

12

Volume of Rectangular Prisms · 5

ANSWER

441

Volume of Rectangular Prisms · 8

ANSWER

400

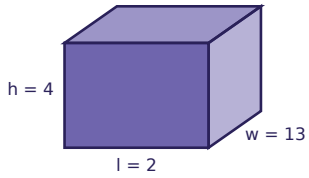
Volume of Rectangular Prisms · 7

ANSWER

A

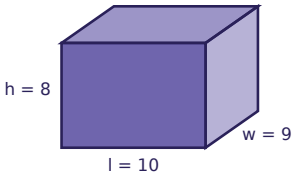
Volume of Rectangular Prisms · 9

A box is 2 cm long, 13 cm wide, and 4 cm tall. What is its volume in cubic centimeters?



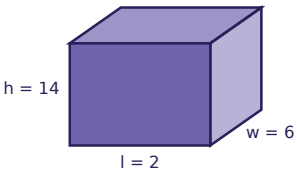
Volume of Rectangular Prisms · 10

A box is 10 cm long, 9 cm wide, and 8 cm tall. What is its volume in cubic centimeters?



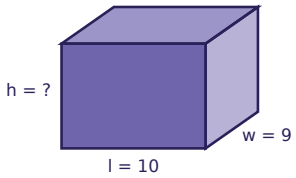
Volume of Rectangular Prisms · 11

The bottom of this box has an area of 12 square centimeters, and the box is 14 cm tall. What is its volume in cubic centimeters?



Volume of Rectangular Prisms · 12

The volume of this box is 1,170 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 13

A box is 12 cm long, 11 cm wide, and 11 cm tall. Volume = 12 × 11 × 11 = 132 × 11 = ___

Volume of Rectangular Prisms · 14

A box has a volume of 392 cubic centimeters. It is 7 cm long and 7 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 15

Box A is 10 cm by 5 cm by 5 cm. Box B is 13 cm by 9 cm by 10 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 16

A box is 4 cm long, 10 cm wide, and 12 cm tall, so its volume is 480 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

720

Volume of Rectangular Prisms · 9

ANSWER

104

Volume of Rectangular Prisms · 12

ANSWER

13

Volume of Rectangular Prisms · 11

ANSWER

168

Volume of Rectangular Prisms · 14

ANSWER

8

Volume of Rectangular Prisms · 13

ANSWER

1452

Volume of Rectangular Prisms · 16

ANSWER

960

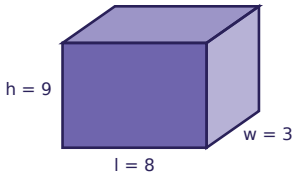
Volume of Rectangular Prisms · 15

ANSWER

B

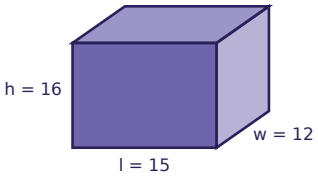
Volume of Rectangular Prisms · 17

A box is 8 cm long, 3 cm wide, and 9 cm tall. What is its volume in cubic centimeters?



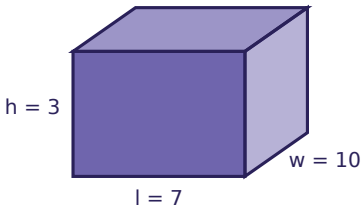
Volume of Rectangular Prisms · 18

A box is 15 cm long, 12 cm wide, and 16 cm tall. What is its volume in cubic centimeters?



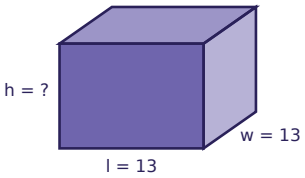
Volume of Rectangular Prisms · 19

The bottom of this box has an area of 70 square centimeters, and the box is 3 cm tall. What is its volume in cubic centimeters?



Volume of Rectangular Prisms · 20

The volume of this box is 845 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 21

A box is 7 cm long, 16 cm wide, and 8 cm tall. Volume = $7 \times 16 \times 8 = 112 \times 8 =$ ___

Volume of Rectangular Prisms · 22

A box has a volume of 60 cubic centimeters. It is 5 cm long and 4 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 23

Box A is 7 cm by 13 cm by 13 cm. Box B is 6 cm by 13 cm by 16 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 24

A box is 6 cm long, 12 cm wide, and 14 cm tall, so its volume is 1,008 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

2880

Volume of Rectangular Prisms · 17

ANSWER

216

Volume of Rectangular Prisms · 20

ANSWER

5

Volume of Rectangular Prisms · 19

ANSWER

210

Volume of Rectangular Prisms · 22

ANSWER

3

Volume of Rectangular Prisms · 21

ANSWER

896

Volume of Rectangular Prisms · 24

ANSWER

2016

Volume of Rectangular Prisms · 23

ANSWER

B