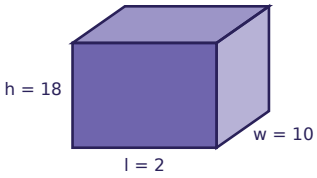
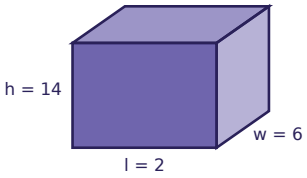
Volume of Rectangular Prisms · 1

A box is 2 cm long, 10 cm wide, and 18 cm tall. What is its volume in cubic centimeters?



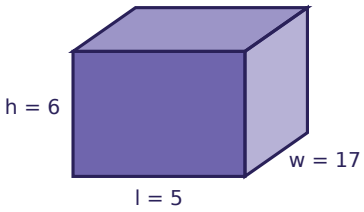
Volume of Rectangular Prisms · 2

A box is 2 cm long, 6 cm wide, and 14 cm tall. What is its volume in cubic centimeters?



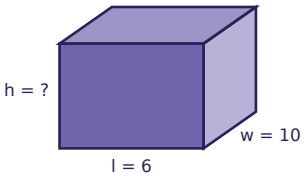
Volume of Rectangular Prisms · 3

The bottom of this box has an area of 85 square centimeters, and the box is 6 cm tall. What is its volume in cubic centimeters?



Volume of Rectangular Prisms · 4

The volume of this box is 240 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 5

A box is 8 cm long, 16 cm wide, and 8 cm tall. Volume = 8 × 16 × 8 = 128 × 8 = ___

Volume of Rectangular Prisms · 6

A box has a volume of 1,440 cubic centimeters. It is 10 cm long and 16 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 7

Box A is 14 cm by 15 cm by 18 cm. Box B is 11 cm by 16 cm by 10 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 8

A box is 14 cm long, 3 cm wide, and 3 cm tall, so its volume is 126 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

168

Volume of Rectangular Prisms · 1

ANSWER

360

Volume of Rectangular Prisms · 4

ANSWER

4

Volume of Rectangular Prisms · 3

ANSWER

510

Volume of Rectangular Prisms · 6

ANSWER

9

Volume of Rectangular Prisms · 5

ANSWER

1024

Volume of Rectangular Prisms · 8

ANSWER

252

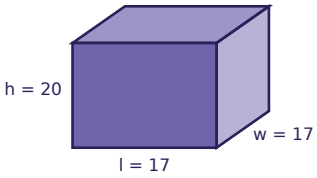
Volume of Rectangular Prisms · 7

ANSWER

A

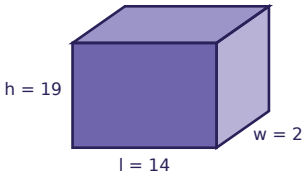
Volume of Rectangular Prisms · 9

A box is 17 cm long, 17 cm wide, and 20 cm tall. What is its volume in cubic centimeters?



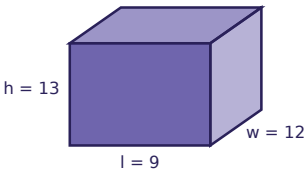
Volume of Rectangular Prisms · 10

A box is 14 cm long, 2 cm wide, and 19 cm tall. What is its volume in cubic centimeters?



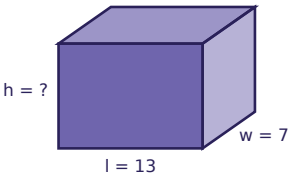
Volume of Rectangular Prisms · 11

The bottom of this box has an area of 108 square centimeters, and the box is 13 cm tall. What is its volume in cubic centimeters?



Volume of Rectangular Prisms · 12

The volume of this box is 910 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 13

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

Volume of Rectangular Prisms · 14

A box has a volume of 1,040 cubic centimeters. It is 5 cm long and 13 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 15

Box A is 19 cm by 5 cm by 5 cm. Box B is 12 cm by 7 cm by 7 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 16

A box is 14 cm long, 13 cm wide, and 14 cm tall, so its volume is 2,548 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

532

Volume of Rectangular Prisms · 9

ANSWER

5780

Volume of Rectangular Prisms · 12

ANSWER

10

Volume of Rectangular Prisms · 11

ANSWER

1404

Volume of Rectangular Prisms · 14

ANSWER

16

Volume of Rectangular Prisms · 13

ANSWER

400

Volume of Rectangular Prisms · 16

ANSWER

5096

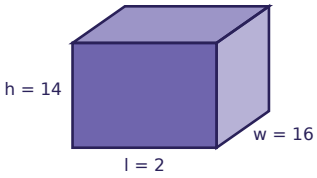
Volume of Rectangular Prisms · 15

ANSWER

B

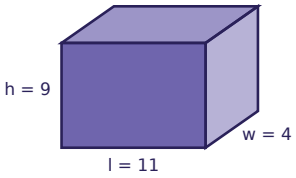
Volume of Rectangular Prisms · 17

A box is 2 cm long, 16 cm wide, and 14 cm tall. What is its volume in cubic centimeters?



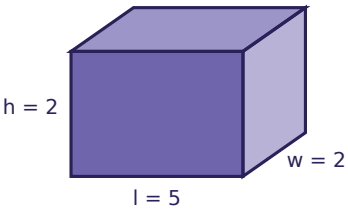
Volume of Rectangular Prisms · 18

A box is 11 cm long, 4 cm wide, and 9 cm tall. What is its volume in cubic centimeters?



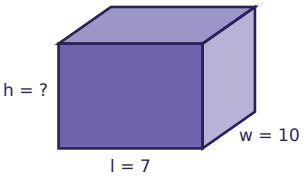
Volume of Rectangular Prisms · 19

The bottom of this box has an area of 10 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 630 cubic centimeters. What is its height (h) in centimeters?



Volume of Rectangular Prisms · 21

A box is 7 cm long, 15 cm wide, and 9 cm tall. Volume = $7 \times 15 \times 9 = 105 \times 9 =$ ___

Volume of Rectangular Prisms · 22

A box has a volume of 1,377 cubic centimeters. It is 9 cm long and 17 cm tall. How wide is it, in centimeters?

Volume of Rectangular Prisms · 23

Box A is 18 cm by 18 cm by 10 cm. Box B is 14 cm by 15 cm by 14 cm. Which box has the greater volume? Write A or B.

Volume of Rectangular Prisms · 24

A box is 15 cm long, 8 cm wide, and 5 cm tall, so its volume is 600 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

396

Volume of Rectangular Prisms · 17

ANSWER

448

Volume of Rectangular Prisms · 20

ANSWER

9

Volume of Rectangular Prisms · 19

ANSWER

20

Volume of Rectangular Prisms · 22

ANSWER

9

Volume of Rectangular Prisms · 21

ANSWER

945

Volume of Rectangular Prisms · 24

ANSWER

1200

Volume of Rectangular Prisms · 23

ANSWER

A