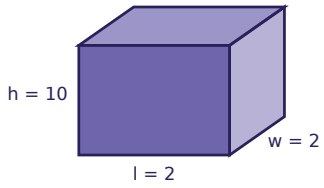
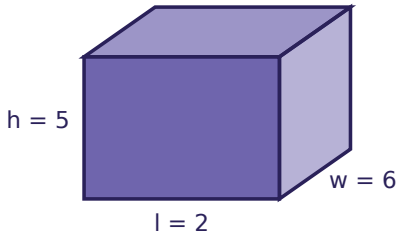
Task card 1 Volume of Rectangular Prisms

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



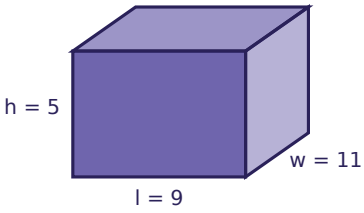
Task card 2 Volume of Rectangular Prisms

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



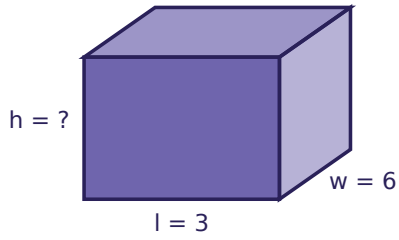
Task card 3 Volume of Rectangular Prisms

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?



Task card 4 Volume of Rectangular Prisms

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



Task card 5 Volume of Rectangular Prisms

A box is 7 cm long, 7 cm wide, and 9 cm tall.

Volume = 7 × 7 × 9 = 49 × 9 = ___

Task card 6 Volume of Rectangular Prisms

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?

Task card 7 Volume of Rectangular Prisms

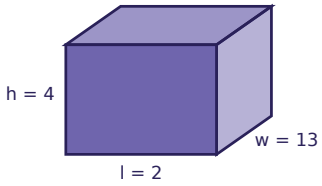
Box A is 5 cm by 7 cm by 9 cm. Box B is 3 cm by 2 cm by 4 cm. Which box has the greater volume? Write A or B.

Task card 8 Volume of Rectangular Prisms

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?

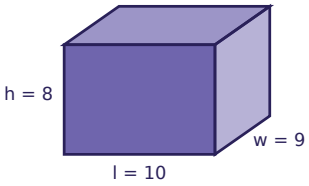
Task card 9 Volume of Rectangular Prisms

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



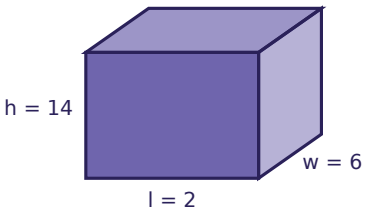
Task card 10 Volume of Rectangular Prisms

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



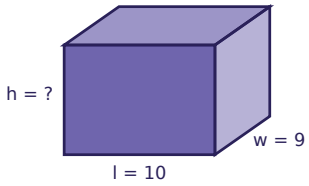
Task card 11 Volume of Rectangular Prisms

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?



Task card 12 Volume of Rectangular Prisms

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



Task card 13 Volume of Rectangular Prisms

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

Task card 14 Volume of Rectangular Prisms

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

Task card 15 Volume of Rectangular Prisms

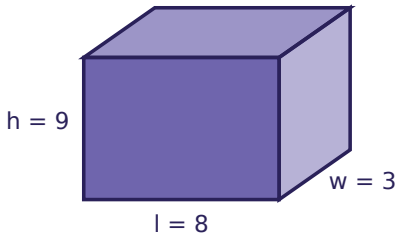
Box A is 10 cm by 5 cm by 5 cm. Box B is 13 cm by 9 cm by 10 cm. Which box has the greater volume? Write A or B.

Task card 16 Volume of Rectangular Prisms

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?

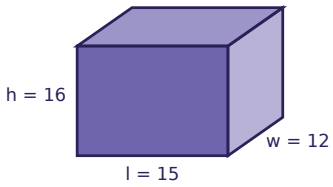
Task card 17 Volume of Rectangular Prisms

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



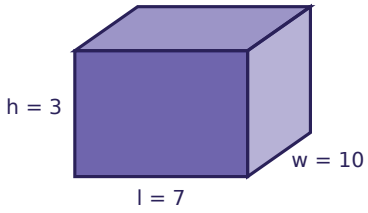
Task card 18 Volume of Rectangular Prisms

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



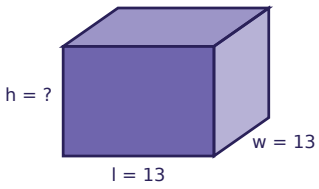
Task card 19 Volume of Rectangular Prisms

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?



Task card 20 Volume of Rectangular Prisms

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



Task card 21 Volume of Rectangular Prisms

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

Task card 22 Volume of Rectangular Prisms

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

Task card 23 Volume of Rectangular Prisms

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.

Task card 24 Volume of Rectangular Prisms

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 Task Cards

Recording sheet · Grade 5 · Answer each question. Volume = length × width × height. All lengths are in centimeters.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Volume of Rectangular Prisms Task Cards: Answer Key

Grade 5 · Medium

The answers online

1. 40	**2.** 60	**3.** 495
4. 2	**5.** 441	**6.** 12
7. A	**8.** 400	**9.** 104
10. 720	**11.** 168	**12.** 13
13. 1452	**14.** 8	**15.** B
16. 960	**17.** 216	**18.** 2880
19. 210	**20.** 5	**21.** 896
22. 3	**23.** B	**24.** 2016