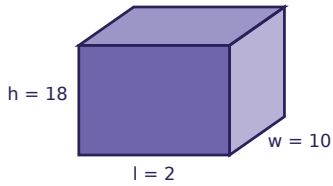
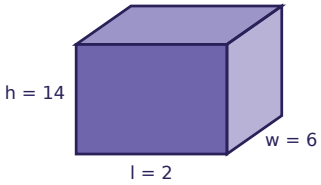
Task card 1 Volume of Rectangular Prisms

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



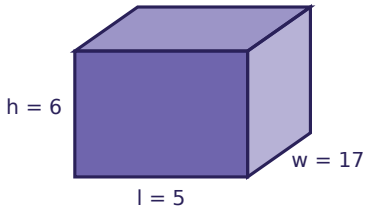
Task card 2 Volume of Rectangular Prisms

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



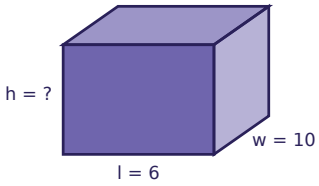
Task card 3 Volume of Rectangular Prisms

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



Task card 4 Volume of Rectangular Prisms

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



Task card 5 Volume of Rectangular Prisms

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

Task card 6 Volume of Rectangular Prisms

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?

Task card 7 Volume of Rectangular Prisms

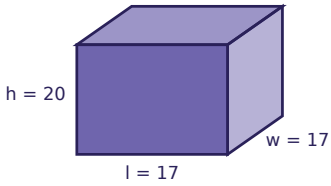
Box A is 14 cm by 15 cm by 18 cm. Box B is 11 cm by 16 cm by 10 cm. Which box has the greater volume? Write A or B.

Task card 8 Volume of Rectangular Prisms

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?

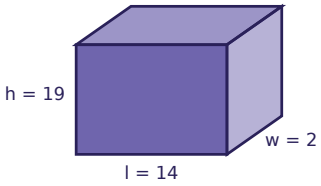
Task card 9 Volume of Rectangular Prisms

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



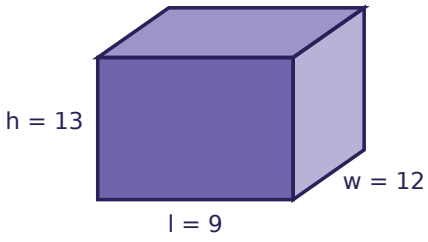
Task card 10 Volume of Rectangular Prisms

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



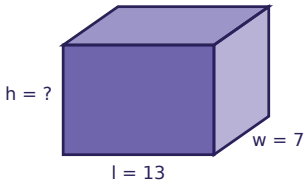
Task card 11 Volume of Rectangular Prisms

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



Task card 12 Volume of Rectangular Prisms

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



Task card 13 Volume of Rectangular Prisms

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

Task card 14 Volume of Rectangular Prisms

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?

Task card 15 Volume of Rectangular Prisms

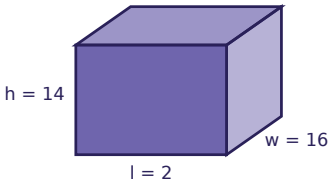
Box A is 19 cm by 5 cm by 5 cm. Box B is 12 cm by 7 cm by 7 cm. Which box has the greater volume? Write A or B.

Task card 16 Volume of Rectangular Prisms

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?

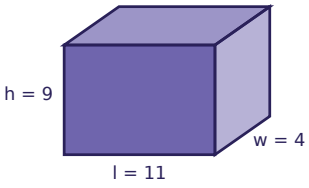
Task card 17 Volume of Rectangular Prisms

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



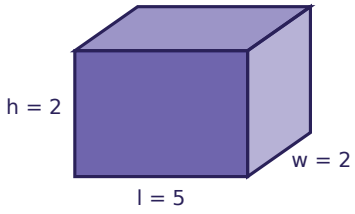
Task card 18 Volume of Rectangular Prisms

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



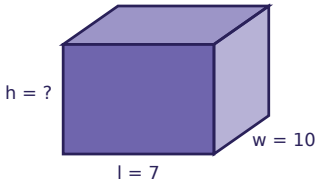
Task card 19 Volume of Rectangular Prisms

The bottom of this box has an area of 10 square centimeters, and the box is 2 cm tall. What is its volume in cubic centimeters?



Task card 20 Volume of Rectangular Prisms

The volume of this box is 630 cubic centimeters. What is its height (h) in centimeters?



Task card 21 Volume of Rectangular Prisms

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

Task card 22 Volume of Rectangular Prisms

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?

Task card 23 Volume of Rectangular Prisms

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.

Task card 24 Volume of Rectangular Prisms

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 Task Cards

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

Scan to check your answers

Name: _____ Date: _____

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 · Hard

The answers online

1. 360	**2.** 168	**3.** 510
4. 4	**5.** 1024	**6.** 9
7. A	**8.** 252	**9.** 5780
10. 532	**11.** 1404	**12.** 10
13. 400	**14.** 16	**15.** B
16. 5096	**17.** 448	**18.** 396
19. 20	**20.** 9	**21.** 945
22. 9	**23.** A	**24.** 1200