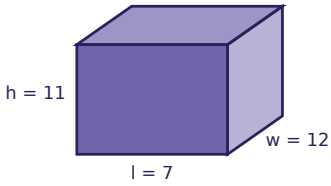
**Task card 1** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square centimeters: length 7 cm, width 12 cm, height 11 cm.

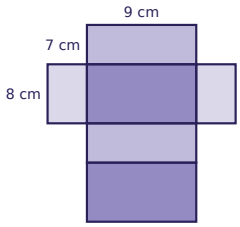



**Task card 2** Surface Area of Rectangular Prisms

A box is 9 cm long, 11 cm wide and 8 cm tall. What is the total area of its front and back faces together, in square centimeters?

**Task card 3** Surface Area of Rectangular Prisms

The net folds up into a box. Find the box's surface area in square centimeters.




**Task card 4** Surface Area of Rectangular Prisms

A box has a surface area of 232 square centimeters. It is 8 cm long and 4 cm wide. How tall is it, in centimeters?

**Task card 5** Surface Area of Rectangular Prisms

A cereal box is 5 cm long, 7 cm wide and 5 cm tall. How many square centimeters of cardboard make the box?

**Task card 6** Surface Area of Rectangular Prisms

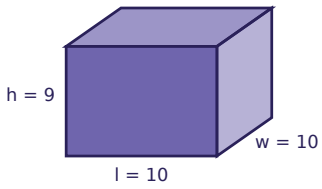
Box A is 4 cm long, 4 cm wide and 4 cm tall. Box B is 10 cm long, 11 cm wide and 5 cm tall. How many more square centimeters of paper does it take to cover Box B than Box A?

**Task card 7** Surface Area of Rectangular Prisms

Ana found the surface area of a box 10 cm long, 4 cm wide and 10 cm tall, but added one face from each pair and forgot to double, and got 180 square centimeters. What is the correct surface area, in square centimeters?

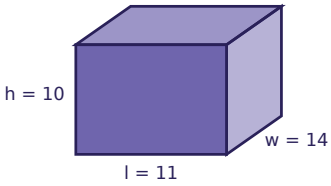
**Task card 8** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square feet: length 10 ft, width 10 ft, height 9 ft.




**Task card 9** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square feet: length 11 ft, width 14 ft, height 10 ft.

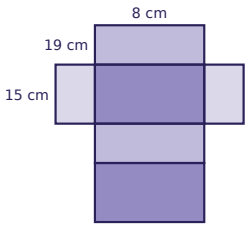



**Task card 10** Surface Area of Rectangular Prisms

A box is 11 m long, 11 m wide and 17 m tall. What is the total area of its left and right sides faces together, in square meters?

**Task card 11** Surface Area of Rectangular Prisms

The net folds up into a box. Find the box's surface area in square centimeters.




**Task card 12** Surface Area of Rectangular Prisms

A box has a surface area of 958 square feet. It is 11 ft long and 13 ft wide. How tall is it, in feet?

**Task card 13** Surface Area of Rectangular Prisms

A gift box is 18 in long, 14 in wide and 18 in tall. How many square inches of wrapping paper cover it exactly?

**Task card 14** Surface Area of Rectangular Prisms

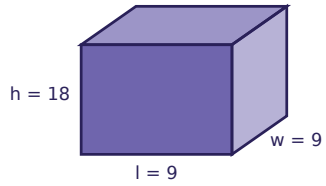
Box A is 14 cm long, 7 cm wide and 8 cm tall. Box B is 5 cm long, 18 cm wide and 15 cm tall. How many more square centimeters of paper does it take to cover Box B than Box A?

**Task card 15** Surface Area of Rectangular Prisms

Kai found the surface area of a box 15 ft long, 16 ft wide and 19 ft tall, but added one face from each pair and forgot to double, and got 829 square feet. What is the correct surface area, in square feet?

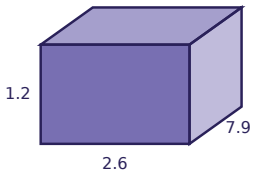
**Task card 16** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square inches: length 9 in, width 9 in, height 18 in.




**Task card 17** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square meters: length 2.6 m, width 7.9 m, height 1.2 m.

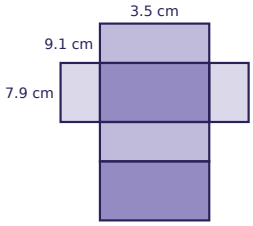



**Task card 18** Surface Area of Rectangular Prisms

A box is 9.1 m long, 6.4 m wide and 1.8 m tall. What is the total area of its top and bottom faces together, in square meters?

**Task card 19** Surface Area of Rectangular Prisms

The net folds up into a box. Find the box's surface area in square centimeters.




**Task card 20** Surface Area of Rectangular Prisms

A box has a surface area of 2,086 square inches. It is 20 in long and 19 in wide. How tall is it, in inches?

**Task card 21** Surface Area of Rectangular Prisms

A gift box is 3.4 cm long, 9.2 cm wide and 6.2 cm tall. How many square centimeters of wrapping paper cover it exactly?

**Task card 22** Surface Area of Rectangular Prisms

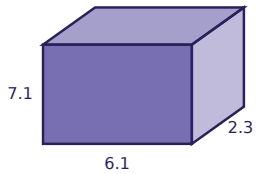
Box A is 4.9 ft long, 6.9 ft wide and 2.8 ft tall. Box B is 5.2 ft long, 7.1 ft wide and 6.6 ft tall. How many more square feet of paper does it take to cover Box B than Box A?

**Task card 23** Surface Area of Rectangular Prisms

Ana found the surface area of a box 6.3 in long, 3.2 in wide and 9.1 in tall, but added one face from each pair and forgot to double, and got 106.61 square inches. What is the correct surface area, in square inches?

**Task card 24** Surface Area of Rectangular Prisms

Find the surface area of the rectangular prism in square feet: length 6.1 ft, width 2.3 ft, height 7.1 ft.



# Surface Area of Rectangular Prisms Task Cards

Recording sheet · Grade 6 · Answer each question. A box has 6 faces in 3 matching pairs.

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 |

# Surface Area of Rectangular Prisms Task Cards: Answer Key

Grade 6 · Medium

The answers online

| | | |
|---|---|---|
| **1.** 586 | **2.** 144 | **3.** 382 |
| **4.** 7 | **5.** 190 | **6.** 334 |
| **7.** 360 | **8.** 560 | **9.** 808 |
| **10.** 374 | **11.** 1114 | **12.** 14 |
| **13.** 1656 | **14.** 338 | **15.** 1658 |
| **16.** 810 | **17.** 66.28 | **18.** 116.48 |
| **19.** 262.78 | **20.** 17 | **21.** 218.8 |
| **22.** 102.5 | **23.** 213.22 | **24.** 147.34 |