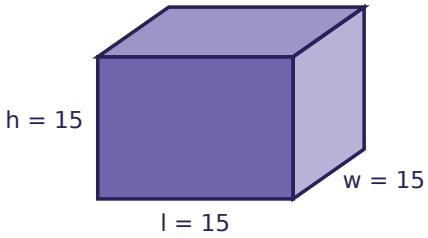
Task card 1 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 15 cm.



Task card 2 Surface Area of Cubes

A cube has edges of 9 in. What is the area of just one of its faces, in square inches?

Task card 3 Surface Area of Cubes

One face of a cube has an area of 36 square meters. What is the surface area of the whole cube, in square meters?

Task card 4 Surface Area of Cubes

A cube has a surface area of 384 square meters. How long is each edge, in meters?

Task card 5 Surface Area of Cubes

A cube-shaped water tank has edges of 8 m. Its outside is covered in a thin layer of paint. How many square meters are painted?

Task card 6 Surface Area of Cubes

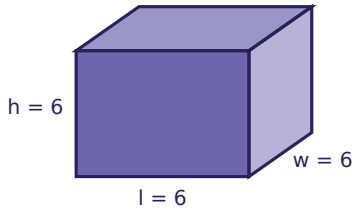
Cube A has edges of 6 cm. Cube B has edges of 12 cm. How many more square centimeters of surface area does Cube B have?

Task card 7 Surface Area of Cubes

Mia worked out the surface area of a cube with edges of 15 cm, but counted only the 4 faces around the sides, and got 900 square centimeters. What is the correct surface area, in square centimeters?

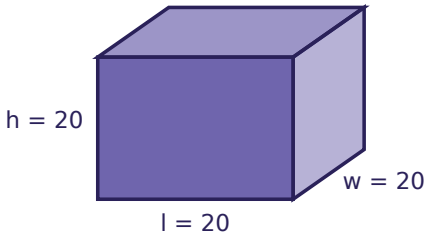
Task card 8 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 6 m.



Task card 9 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 20 cm.



Task card 10 Surface Area of Cubes

A cube has edges of 22 ft. What is the area of just one of its faces, in square feet?

Task card 11 Surface Area of Cubes

One face of a cube has an area of 441 square feet. What is the surface area of the whole cube, in square feet?

Task card 12 Surface Area of Cubes

A cube has a surface area of 3,174 square feet. How long is each edge, in feet?

Task card 13 Surface Area of Cubes

A cube-shaped water tank has edges of 18 ft. Its outside is covered in a thin layer of paint. How many square feet are painted?

Task card 14 Surface Area of Cubes

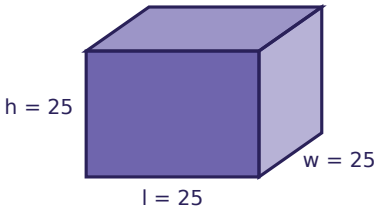
Cube A has edges of 12 cm. Cube B has edges of 21 cm. How many more square centimeters of surface area does Cube B have?

Task card 15 Surface Area of Cubes

Ava worked out the surface area of a cube with edges of 21 ft, but stopped after finding the area of one face, and got 441 square feet. What is the correct surface area, in square feet?

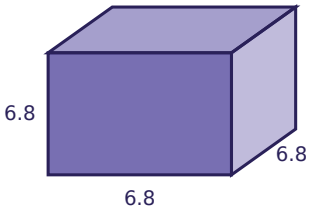
Task card 16 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 25 m.



Task card 17 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 6.8 cm.



Task card 18 Surface Area of Cubes

A cube has edges of 1.2 m. What is the area of just one of its faces, in square meters?

Task card 19 Surface Area of Cubes

One face of a cube has an area of 10.89 square centimeters. What is the surface area of the whole cube, in square centimeters?

Task card 20 Surface Area of Cubes

A cube has a surface area of 50.46 square centimeters. How long is each edge, in centimeters?

Task card 21 Surface Area of Cubes

A cube-shaped storage box has edges of 5.9 cm. How many square centimeters of cardboard are needed to make it?

Task card 22 Surface Area of Cubes

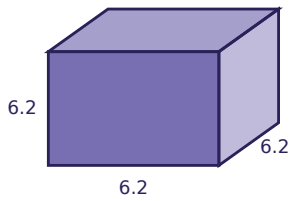
Cube A has edges of 2.6 in. Cube B has edges of 6.3 in. How many more square inches of surface area does Cube B have?

Task card 23 Surface Area of Cubes

Omar worked out the surface area of a cube with edges of 8.9 m, but counted only the 4 faces around the sides, and got 316.84 square meters. What is the correct surface area, in square meters?

Task card 24 Surface Area of Cubes

Find the surface area of the cube in square inches. Each edge is 6.2 in.



Surface Area of Cubes Task Cards

Recording sheet · Grade 6 · Answer each question. A cube has 6 equal square faces.

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 Cubes Task Cards: Answer Key

Grade 6 · Medium

The answers online

1. 1350	**2.** 81	**3.** 216
4. 8	**5.** 384	**6.** 648
7. 1350	**8.** 216	**9.** 2400
10. 484	**11.** 2646	**12.** 23
13. 1944	**14.** 1782	**15.** 2646
16. 3750	**17.** 277.44	**18.** 1.44
19. 65.34	**20.** 2.9	**21.** 208.86
22. 197.58	**23.** 475.26	**24.** 230.64