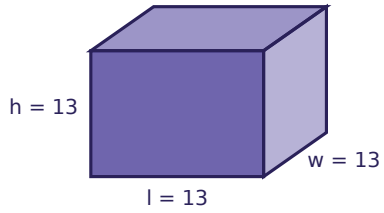
Task card 1 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 13 m.



Task card 2 Surface Area of Cubes

A cube has edges of 8 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 144 square inches. What is the surface area of the whole cube, in square inches?

Task card 4 Surface Area of Cubes

A cube has a surface area of 1,014 square centimeters. How long is each edge, in centimeters?

Task card 5 Surface Area of Cubes

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

Task card 6 Surface Area of Cubes

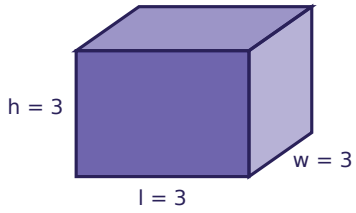
Cube A has edges of 7 in. Cube B has edges of 9 in. How many more square inches of surface area does Cube B have?

Task card 7 Surface Area of Cubes

Zoe worked out the surface area of a cube with edges of 8 in, but stopped after finding the area of one face, and got 64 square inches. What is the correct surface area, in square inches?

Task card 8 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 3 m.



Task card 9 Surface Area of Cubes

A cube has edges of 19 cm. What is the area of just one of its faces, in square centimeters?

Task card 10 Surface Area of Cubes

One face of a cube has an area of 256 square centimeters. What is the surface area of the whole cube, in square centimeters?

Task card 11 Surface Area of Cubes

A cube has a surface area of 4,056 square meters. How long is each edge, in meters?

Task card 12 Surface Area of Cubes

Every face of a cube-shaped wooden block with edges of 3 in is painted. How many square inches are painted?

Task card 13 Surface Area of Cubes

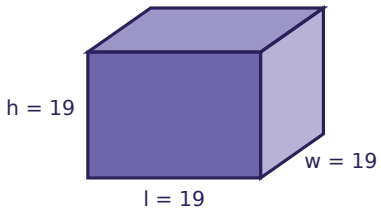
Cube A has edges of 6 in. Cube B has edges of 24 in. How many more square inches of surface area does Cube B have?

Task card 14 Surface Area of Cubes

Omar worked out the surface area of a cube with edges of 11 m, but counted only the 4 faces around the sides, and got 484 square meters. What is the correct surface area, in square meters?

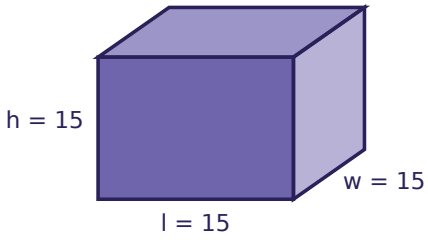
Task card 15 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 19 m.



Task card 16 Surface Area of Cubes

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



Task card 17 Surface Area of Cubes

A cube has edges of 3 in. What is the area of just one of its faces, in square inches?

Task card 18 Surface Area of Cubes

One face of a cube has an area of 196 square feet. What is the surface area of the whole cube, in square feet?

Task card 19 Surface Area of Cubes

A cube has a surface area of 24 square centimeters. How long is each edge, in centimeters?

Task card 20 Surface Area of Cubes

A cube-shaped water tank has edges of 4 ft. Its outside is covered in a thin layer of paint. How many square feet are painted?

Task card 21 Surface Area of Cubes

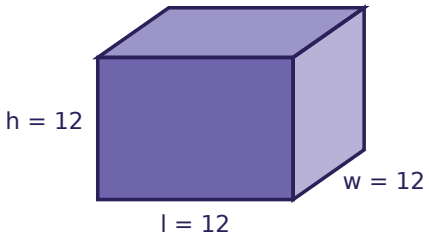
Cube A has edges of 12 cm. Cube B has edges of 15 cm. How many more square centimeters of surface area does Cube B have?

Task card 22 Surface Area of Cubes

Ava worked out the surface area of a cube with edges of 10 ft, but stopped after finding the area of one face, and got 100 square feet. What is the correct surface area, in square feet?

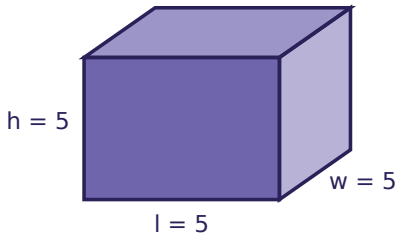
Task card 23 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 12 cm.



Task card 24 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 5 cm.



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 · Hard

The answers online

1. 1014	**2.** 64	**3.** 864
4. 13	**5.** 384	**6.** 192
7. 384	**8.** 54	**9.** 361
10. 1536	**11.** 26	**12.** 54
13. 3240	**14.** 726	**15.** 2166
16. 1350	**17.** 9	**18.** 1176
19. 2	**20.** 96	**21.** 486
22. 600	**23.** 864	**24.** 150