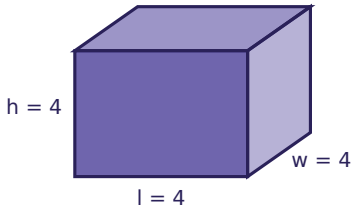
Task card 1 Surface Area of Cubes

Find the surface area of the cube in square feet. Each edge is 4 ft.



Task card 2 Surface Area of Cubes

A cube has edges of 4 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 9 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 150 square centimeters. How long is each edge, in centimeters?

Task card 5 Surface Area of Cubes

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

Task card 6 Surface Area of Cubes

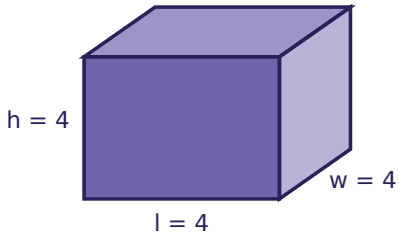
Cube A has edges of 3 cm. Cube B has edges of 4 cm. How many more square centimeters of surface area does Cube B have?

Task card 7 Surface Area of Cubes

Omar worked out the surface area of a cube with edges of 3 in, but counted only the 4 faces around the sides, and got 36 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 centimeters. Each edge is 4 cm.



Task card 9 Surface Area of Cubes

A cube has edges of 9 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 36 square meters. What is the surface area of the whole cube, in square meters?

Task card 11 Surface Area of Cubes

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

Task card 12 Surface Area of Cubes

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

Task card 13 Surface Area of Cubes

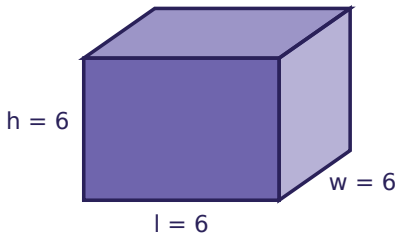
Cube A has edges of 2 ft. Cube B has edges of 9 ft. How many more square feet of surface area does Cube B have?

Task card 14 Surface Area of Cubes

Omar worked out the surface area of a cube with edges of 8 m, but counted only the 4 faces around the sides, and got 256 square meters. What is the correct surface area, in square meters?

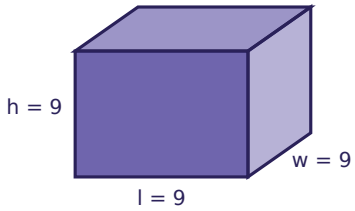
Task card 15 Surface Area of Cubes

Find the surface area of the cube in square centimeters. Each edge is 6 cm.



Task card 16 Surface Area of Cubes

Find the surface area of the cube in square meters. Each edge is 9 m.



Task card 17 Surface Area of Cubes

A cube has edges of 4 m. What is the area of just one of its faces, in square meters?

Task card 18 Surface Area of Cubes

One face of a cube has an area of 81 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 864 square centimeters. How long is each edge, in centimeters?

Task card 20 Surface Area of Cubes

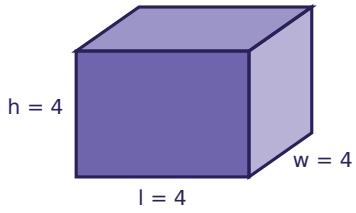
Cube A has edges of 7 ft. Cube B has edges of 11 ft. How many more square feet of surface area does Cube B have?

Task card 21 Surface Area of Cubes

Omar worked out the surface area of a cube with edges of 7 m, but stopped after finding the area of one face, and got 49 square meters. What is the correct surface area, in square meters?

Task card 22 Surface Area of Cubes

Find the surface area of the cube in square inches. Each edge is 4 in.



Task card 23 Surface Area of Cubes

A cube has edges of 2 ft. What is the area of just one of its faces, in square feet?

Task card 24 Surface Area of Cubes

One face of a cube has an area of 16 square centimeters. What is the surface area of the whole cube, in square centimeters?

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 · Easy

The answers online

1. 96	**2.** 16	**3.** 54
4. 5	**5.** 54	**6.** 42
7. 54	**8.** 96	**9.** 81
10. 216	**11.** 2	**12.** 96
13. 462	**14.** 384	**15.** 216
16. 486	**17.** 16	**18.** 486
19. 12	**20.** 432	**21.** 294
22. 96	**23.** 4	**24.** 96