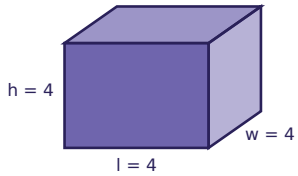
Surface Area of Cubes · 1

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



Surface Area of Cubes · 2

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

Surface Area of Cubes · 3

One face of a cube has an area of 9 square inches. What is the surface area of the whole cube, in square inches?

Surface Area of Cubes · 4

A cube has a surface area of 150 square centimeters. How long is each edge, in centimeters?

Surface Area of Cubes · 5

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

Surface Area of Cubes · 6

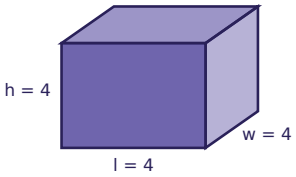
Cube A has edges of 3 cm. Cube B has edges of 4 cm. How many more square centimeters of surface area does Cube B have?

Surface Area of Cubes · 7

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?

Surface Area of Cubes · 8

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



Surface Area of Cubes · 2

ANSWER

16

Surface Area of Cubes · 1

ANSWER

96

Surface Area of Cubes · 4

ANSWER

5

Surface Area of Cubes · 3

ANSWER

54

Surface Area of Cubes · 6

ANSWER

42

Surface Area of Cubes · 5

ANSWER

54

Surface Area of Cubes · 8

ANSWER

96

Surface Area of Cubes · 7

ANSWER

54

Surface Area of Cubes · 9

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

Surface Area of Cubes · 10

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

Surface Area of Cubes · 11

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

Surface Area of Cubes · 12

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?

Surface Area of Cubes · 13

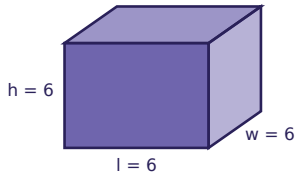
Cube A has edges of 2 ft. Cube B has edges of 9 ft. How many more square feet of surface area does Cube B have?

Surface Area of Cubes · 14

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?

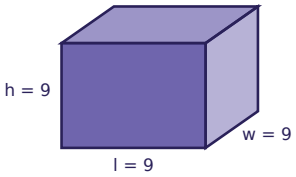
Surface Area of Cubes · 15

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



Surface Area of Cubes · 16

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



Surface Area of Cubes · 10

ANSWER

216

Surface Area of Cubes · 9

ANSWER

81

Surface Area of Cubes · 12

ANSWER

96

Surface Area of Cubes · 11

ANSWER

2

Surface Area of Cubes · 14

ANSWER

384

Surface Area of Cubes · 13

ANSWER

462

Surface Area of Cubes · 16

ANSWER

486

Surface Area of Cubes · 15

ANSWER

216

Surface Area of Cubes · 17

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

Surface Area of Cubes · 18

One face of a cube has an area of 81 square feet. What is the surface area of the whole cube, in square feet?

Surface Area of Cubes · 19

A cube has a surface area of 864 square centimeters. How long is each edge, in centimeters?

Surface Area of Cubes · 20

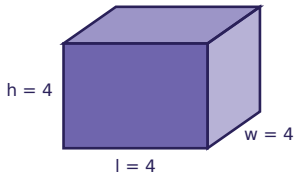
Cube A has edges of 7 ft. Cube B has edges of 11 ft. How many more square feet of surface area does Cube B have?

Surface Area of Cubes · 21

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?

Surface Area of Cubes · 22

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



Surface Area of Cubes · 23

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

Surface Area of Cubes · 24

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 · 18

ANSWER

486

Surface Area of Cubes · 17

ANSWER

16

Surface Area of Cubes · 20

ANSWER

432

Surface Area of Cubes · 19

ANSWER

12

Surface Area of Cubes · 22

ANSWER

96

Surface Area of Cubes · 21

ANSWER

294

Surface Area of Cubes · 24

ANSWER

96

Surface Area of Cubes · 23

ANSWER

4