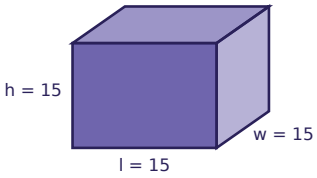
Surface Area of Cubes · 1

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



Surface Area of Cubes · 2

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

Surface Area of Cubes · 4

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

Surface Area of Cubes · 5

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?

Surface Area of Cubes · 6

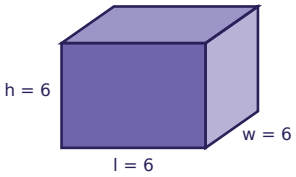
Cube A has edges of 6 cm. Cube B has edges of 12 cm. How many more square centimeters of surface area does Cube B have?

Surface Area of Cubes · 7

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?

Surface Area of Cubes · 8

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



Surface Area of Cubes · 2

ANSWER

81

Surface Area of Cubes · 1

ANSWER

1350

Surface Area of Cubes · 4

ANSWER

8

Surface Area of Cubes · 3

ANSWER

216

Surface Area of Cubes · 6

ANSWER

648

Surface Area of Cubes · 5

ANSWER

384

Surface Area of Cubes · 8

ANSWER

216

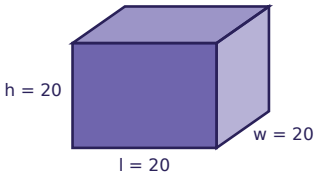
Surface Area of Cubes · 7

ANSWER

1350

Surface Area of Cubes · 9

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



Surface Area of Cubes · 10

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

Surface Area of Cubes · 11

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

Surface Area of Cubes · 12

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

Surface Area of Cubes · 13

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?

Surface Area of Cubes · 14

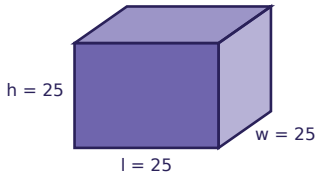
Cube A has edges of 12 cm. Cube B has edges of 21 cm. How many more square centimeters of surface area does Cube B have?

Surface Area of Cubes · 15

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?

Surface Area of Cubes · 16

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



Surface Area of Cubes · 10

ANSWER

484

Surface Area of Cubes · 9

ANSWER

2400

Surface Area of Cubes · 12

ANSWER

23

Surface Area of Cubes · 11

ANSWER

2646

Surface Area of Cubes · 14

ANSWER

1782

Surface Area of Cubes · 13

ANSWER

1944

Surface Area of Cubes · 16

ANSWER

3750

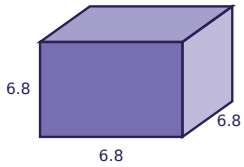
Surface Area of Cubes · 15

ANSWER

2646

Surface Area of Cubes · 17

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



Surface Area of Cubes · 18

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

Surface Area of Cubes · 19

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?

Surface Area of Cubes · 20

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

Surface Area of Cubes · 21

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

Surface Area of Cubes · 22

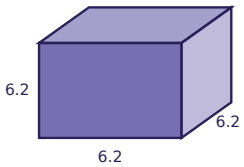
Cube A has edges of 2.6 in. Cube B has edges of 6.3 in. How many more square inches of surface area does Cube B have?

Surface Area of Cubes · 23

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?

Surface Area of Cubes · 24

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



Surface Area of Cubes · 18

ANSWER

1.44

Surface Area of Cubes · 17

ANSWER

277.44

Surface Area of Cubes · 20

ANSWER

2.9

Surface Area of Cubes · 19

ANSWER

65.34

Surface Area of Cubes · 22

ANSWER

197.58

Surface Area of Cubes · 21

ANSWER

208.86

Surface Area of Cubes · 24

ANSWER

230.64

Surface Area of Cubes · 23

ANSWER

475.26