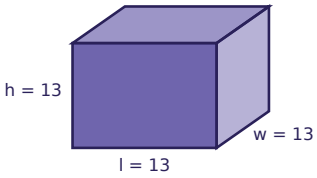
Surface Area of Cubes · 1

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



Surface Area of Cubes · 2

A cube has edges of 8 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 144 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 1,014 square centimeters. How long is each edge, in centimeters?

Surface Area of Cubes · 5

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?

Surface Area of Cubes · 6

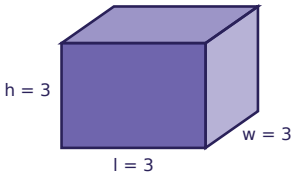
Cube A has edges of 7 in. Cube B has edges of 9 in. How many more square inches of surface area does Cube B have?

Surface Area of Cubes · 7

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?

Surface Area of Cubes · 8

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



Surface Area of Cubes · 2

ANSWER

64

Surface Area of Cubes · 1

ANSWER

1014

Surface Area of Cubes · 4

ANSWER

13

Surface Area of Cubes · 3

ANSWER

864

Surface Area of Cubes · 6

ANSWER

192

Surface Area of Cubes · 5

ANSWER

384

Surface Area of Cubes · 8

ANSWER

54

Surface Area of Cubes · 7

ANSWER

384

Surface Area of Cubes · 9

A cube has edges of 19 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 256 square centimeters. What is the surface area of the whole cube, in square centimeters?

Surface Area of Cubes · 11

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

Surface Area of Cubes · 12

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

Surface Area of Cubes · 13

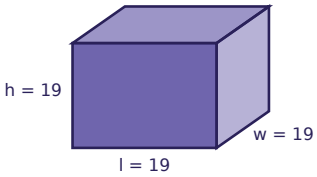
Cube A has edges of 6 in. Cube B has edges of 24 in. How many more square inches of surface area does Cube B have?

Surface Area of Cubes · 14

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?

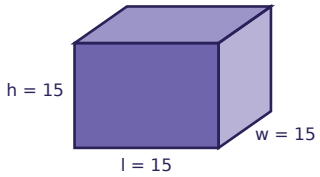
Surface Area of Cubes · 15

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



Surface Area of Cubes · 16

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



Surface Area of Cubes · 10

ANSWER

1536

Surface Area of Cubes · 9

ANSWER

361

Surface Area of Cubes · 12

ANSWER

54

Surface Area of Cubes · 11

ANSWER

26

Surface Area of Cubes · 14

ANSWER

726

Surface Area of Cubes · 13

ANSWER

3240

Surface Area of Cubes · 16

ANSWER

1350

Surface Area of Cubes · 15

ANSWER

2166

Surface Area of Cubes · 17

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

Surface Area of Cubes · 18

One face of a cube has an area of 196 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 24 square centimeters. How long is each edge, in centimeters?

Surface Area of Cubes · 20

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?

Surface Area of Cubes · 21

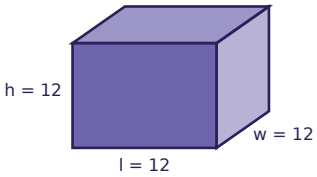
Cube A has edges of 12 cm. Cube B has edges of 15 cm. How many more square centimeters of surface area does Cube B have?

Surface Area of Cubes · 22

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?

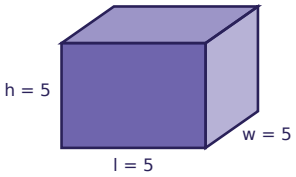
Surface Area of Cubes · 23

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



Surface Area of Cubes · 24

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



Surface Area of Cubes · 18

ANSWER

1176

Surface Area of Cubes · 17

ANSWER

9

Surface Area of Cubes · 20

ANSWER

96

Surface Area of Cubes · 19

ANSWER

2

Surface Area of Cubes · 22

ANSWER

600

Surface Area of Cubes · 21

ANSWER

486

Surface Area of Cubes · 24

ANSWER

150

Surface Area of Cubes · 23

ANSWER

864