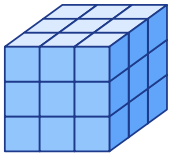
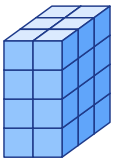
Surface Area of Shapes Made of Cubes · 1

How many squares do you see if you look at the solid straight from the front?



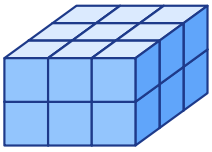
Surface Area of Shapes Made of Cubes · 2

You can't see the back of the solid in the picture. How many squares would you see from the back?



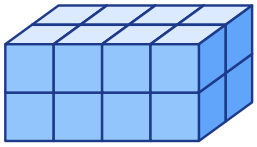
Surface Area of Shapes Made of Cubes · 3

Each cube is 1 in on a side. Find the surface area of the solid in square inches.



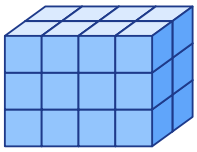
Surface Area of Shapes Made of Cubes · 4

Each cube is 1 ft on a side. Find the surface area of the solid in square feet.



Surface Area of Shapes Made of Cubes · 5

The solid is made of 24 cubes, and each cube has 6 faces. How many of those faces are hidden because they are glued to another cube?

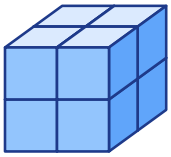


Surface Area of Shapes Made of Cubes · 6

Lily glues cubes into a solid box 6 cubes long, 4 cubes wide and 4 cubes tall. Each cube is 1 ft on a side. What is the surface area of the shape, in square feet?

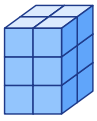
Surface Area of Shapes Made of Cubes · 7

The solid is dipped in paint so that every outside square gets painted, even the bottom. How many small squares get paint?



Surface Area of Shapes Made of Cubes · 8

Each cube is 1 ft on a side. Maya counted only the squares you can see in the picture (top, front and right) and said the surface area is 16 square feet. What is the correct surface area, in square feet?



Surface Area of Shapes Made of Cubes · 2

ANSWER

8

Surface Area of Shapes Made of Cubes · 1

ANSWER

9

Surface Area of Shapes Made of Cubes · 4

ANSWER

40

Surface Area of Shapes Made of Cubes · 3

ANSWER

42

Surface Area of Shapes Made of Cubes · 6

ANSWER

128

Surface Area of Shapes Made of Cubes · 5

ANSWER

92

Surface Area of Shapes Made of Cubes · 8

ANSWER

32

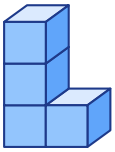
Surface Area of Shapes Made of Cubes · 7

ANSWER

24

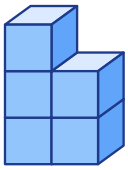
Surface Area of Shapes Made of Cubes · 9

How many squares do you see if you look at the solid straight from the top?



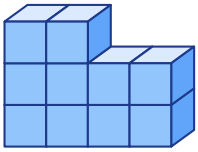
Surface Area of Shapes Made of Cubes · 10

You can't see the bottom of the solid in the picture. How many squares would you see from the bottom?



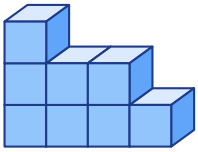
Surface Area of Shapes Made of Cubes · 11

Each cube is 1 m on a side. Find the surface area of the solid in square meters.



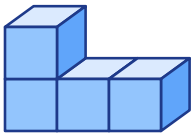
Surface Area of Shapes Made of Cubes · 12

Each cube is 1 ft on a side. Find the surface area of the solid in square feet.



Surface Area of Shapes Made of Cubes · 13

The solid is made of 4 cubes, and each cube has 6 faces. How many of those faces are hidden because they are glued to another cube?

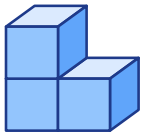


Surface Area of Shapes Made of Cubes · 14

Ava glues cubes into a solid box 6 cubes long, 2 cubes wide and 3 cubes tall. Each cube is 1 m on a side. What is the surface area of the shape, in square meters?

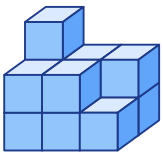
Surface Area of Shapes Made of Cubes · 15

The solid is dipped in paint so that every outside square gets painted, even the bottom. How many small squares get paint?



Surface Area of Shapes Made of Cubes · 16

How many squares do you see if you look at the solid straight from the right?



Surface Area of Shapes Made of Cubes · 10

ANSWER

2

Surface Area of Shapes Made of Cubes · 9

ANSWER

2

Surface Area of Shapes Made of Cubes · 12

ANSWER

30

Surface Area of Shapes Made of Cubes · 11

ANSWER

34

Surface Area of Shapes Made of Cubes · 14

ANSWER

72

Surface Area of Shapes Made of Cubes · 13

ANSWER

6

Surface Area of Shapes Made of Cubes · 16

ANSWER

5

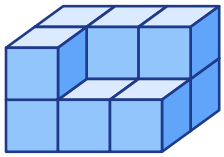
Surface Area of Shapes Made of Cubes · 15

ANSWER

14

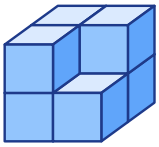
Surface Area of Shapes Made of Cubes · 17

You can't see the bottom of the solid in the picture. How many squares would you see from the bottom?



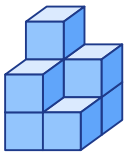
Surface Area of Shapes Made of Cubes · 18

Each cube is 1 ft on a side. Find the surface area of the solid in square feet.



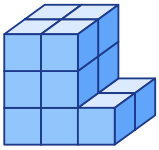
Surface Area of Shapes Made of Cubes · 19

Each cube is 1 ft on a side. Find the surface area of the solid in square feet.



Surface Area of Shapes Made of Cubes · 20

The solid is made of 14 cubes, and each cube has 6 faces. How many of those faces are hidden because they are glued to another cube?

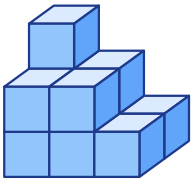


Surface Area of Shapes Made of Cubes · 21

Omar glues cubes into a solid box 3 cubes long, 3 cubes wide and 4 cubes tall. Each cube is 1 m on a side. What is the surface area of the shape, in square meters?

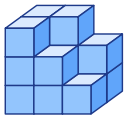
Surface Area of Shapes Made of Cubes · 22

The solid is dipped in paint so that every outside square gets painted, even the bottom. How many small squares get paint?



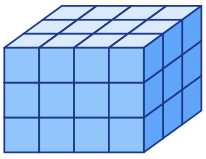
Surface Area of Shapes Made of Cubes · 23

Each cube is 1 in on a side. Kai counted only the squares you can see in the picture (top, front and right) and said the surface area is 20 square inches. What is the correct surface area, in square inches?



Surface Area of Shapes Made of Cubes · 24

How many squares do you see if you look at the solid straight from the front?



Surface Area of Shapes Made of Cubes · 18

ANSWER

24

Surface Area of Shapes Made of Cubes · 17

ANSWER

6

Surface Area of Shapes Made of Cubes · 20

ANSWER

46

Surface Area of Shapes Made of Cubes · 19

ANSWER

28

Surface Area of Shapes Made of Cubes · 22

ANSWER

34

Surface Area of Shapes Made of Cubes · 21

ANSWER

66

Surface Area of Shapes Made of Cubes · 24

ANSWER

12

Surface Area of Shapes Made of Cubes · 23

ANSWER

40