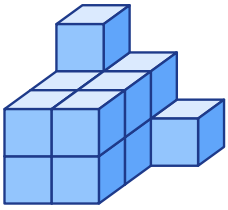
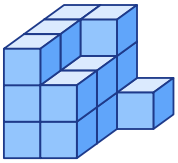
**Task card 1** Surface Area of Shapes Made of Cub...

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



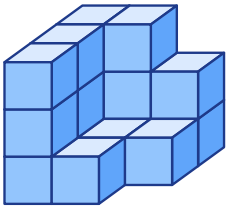
**Task card 2** Surface Area of Shapes Made of Cub...

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



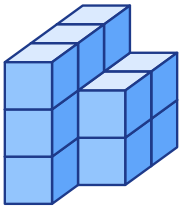
**Task card 3** Surface Area of Shapes Made of Cub...

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



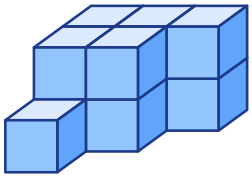
**Task card 4** Surface Area of Shapes Made of Cub...

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



**Task card 5** Surface Area of Shapes Made of Cub...

The solid is made of 11 cubes, and each cube has 6 faces. How many of those faces are hidden because they are glued to another cube?

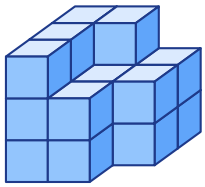


**Task card 6** Surface Area of Shapes Made of Cub...

Zoe glues cubes into a solid box 4 cubes long, 2 cubes wide and 2 cubes tall. Each cube is 1 ft on a side. What is the surface area of the shape, in square feet?

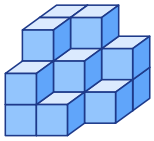
**Task card 7** Surface Area of Shapes Made of Cub...

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



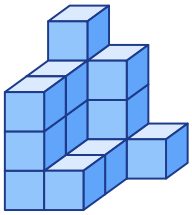
**Task card 8** Surface Area of Shapes Made of Cub...

Each cube is 1 ft on a side. Kai counted only the squares you can see in the picture (top, front and right) and said the surface area is 24 square feet. What is the correct surface area, in square feet?



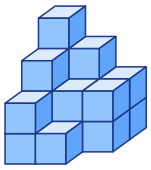
**Task card 9** Surface Area of Shapes Made of Cub...

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



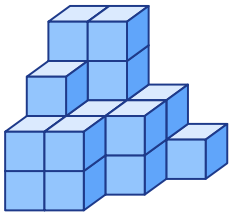
**Task card 10** Surface Area of Shapes Made of Cub...

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



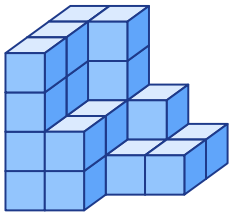
**Task card 11** Surface Area of Shapes Made of Cub...

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



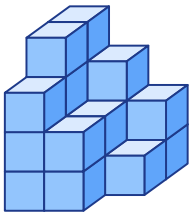
**Task card 12** Surface Area of Shapes Made of Cub...

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



**Task card 13** Surface Area of Shapes Made of Cub...

The solid is made of 21 cubes, and each cube has 6 faces. How many of those faces are hidden because they are glued to another cube?

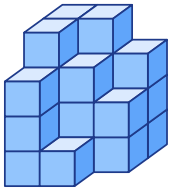


**Task card 14** Surface Area of Shapes Made of Cub...

Lily glues cubes into a solid box 10 cubes long, 2 cubes wide and 2 cubes tall. Each cube is 1 in on a side. What is the surface area of the shape, in square inches?

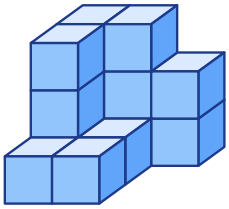
**Task card 15** Surface Area of Shapes Made of Cub...

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



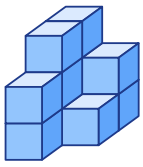
**Task card 16** Surface Area of Shapes Made of Cub...

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



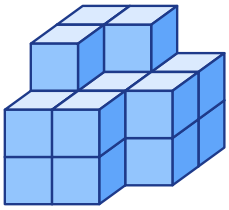
**Task card 17** Surface Area of Shapes Made of Cub...

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



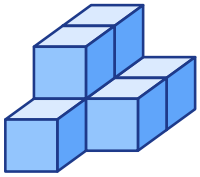
**Task card 18** Surface Area of Shapes Made of Cub...

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



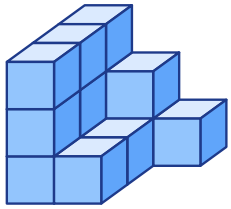
**Task card 19** Surface Area of Shapes Made of Cub...

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



**Task card 20** Surface Area of Shapes Made of Cub...

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?

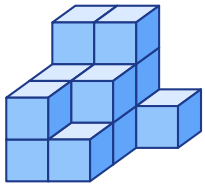


**Task card 21** Surface Area of Shapes Made of Cub...

Zoe glues cubes into a solid box 6 cubes long, 4 cubes wide and 2 cubes tall. Each cube is 1 m on a side. What is the surface area of the shape, in square meters?

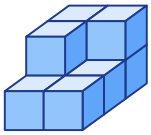
**Task card 22** Surface Area of Shapes Made of Cub...

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



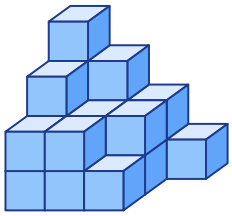
**Task card 23** Surface Area of Shapes Made of Cub...

Each cube is 1 in on a side. Ben counted only the squares you can see in the picture (top, front and right) and said the surface area is 15 square inches. What is the correct surface area, in square inches?



**Task card 24** Surface Area of Shapes Made of Cub...

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



# Surface Area of Shapes Made of Cubes Task Cards

Recording sheet · Grade 6 · Each small cube is 1 unit on a side. Count every outside square face, including the ones you cannot see (bottom, back and left). There are no hidden holes.

Scan to check your answers

Name: _____ Date: _____

| | | | |
|---|---|---|---|
| 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 Shapes Made of Cubes Task Cards: Answer Key

Grade 6 · Hard

The answers online

| | | |
|---|---|---|
| **1.** 7 | **2.** 7 | **3.** 50 |
| **4.** 38 | **5.** 32 | **6.** 40 |
| **7.** 50 | **8.** 48 | **9.** 10 |
| **10.** 9 | **11.** 58 | **12.** 66 |
| **13.** 70 | **14.** 88 | **15.** 60 |
| **16.** 7 | **17.** 5 | **18.** 48 |
| **19.** 26 | **20.** 40 | **21.** 88 |
| **22.** 42 | **23.** 30 | **24.** 10 |