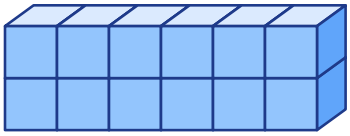
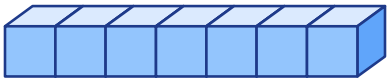
Volume by Counting Cubes · 1

How many unit cubes make this solid? Give the volume in cubic units.



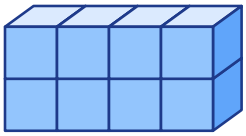
Volume by Counting Cubes · 2

How many unit cubes make this solid? Give the volume in cubic units.



Volume by Counting Cubes · 3

How many unit cubes make this solid? Give the volume in cubic units.



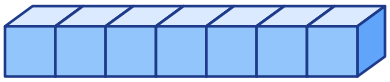
Volume by Counting Cubes · 4

How many cubes of this solid are in the bottom layer, touching the floor?



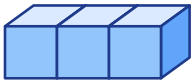
Volume by Counting Cubes · 5

How many layers of cubes does this solid have, counting from the floor up?



Volume by Counting Cubes · 6

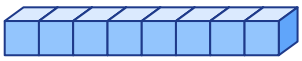
This box is 3 cubes long, 1 cube wide and 1 cube tall. Its volume in cubic units is 3 × 1 × 1 = ___



Volume by Counting Cubes · 7

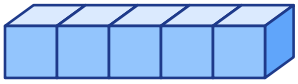
Count the cubes in both solids. What is their volume together, in cubic units?





Volume by Counting Cubes · 8

One more layer of cubes, just like the top layer, is put on top of this solid. What is the volume now, in cubic units?



Volume by Counting Cubes · 2

ANSWER

7

Volume by Counting Cubes · 1

ANSWER

12

Volume by Counting Cubes · 4

ANSWER

8

Volume by Counting Cubes · 3

ANSWER

8

Volume by Counting Cubes · 6

ANSWER

3

Volume by Counting Cubes · 5

ANSWER

1

Volume by Counting Cubes · 8

ANSWER

10

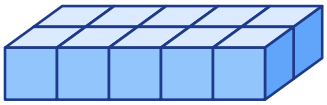
Volume by Counting Cubes · 7

ANSWER

16

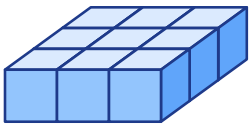
Volume by Counting Cubes · 9

How many unit cubes make this solid? Give the volume in cubic units.



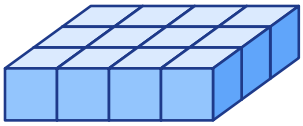
Volume by Counting Cubes · 10

How many unit cubes make this solid? Give the volume in cubic units.



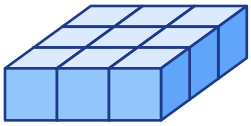
Volume by Counting Cubes · 11

How many unit cubes make this solid? Give the volume in cubic units.



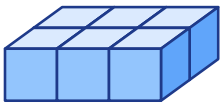
Volume by Counting Cubes · 12

How many cubes of this solid are in the bottom layer, touching the floor?



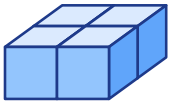
Volume by Counting Cubes · 13

How many layers of cubes does this solid have, counting from the floor up?



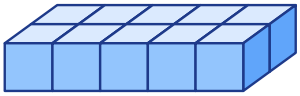
Volume by Counting Cubes · 14

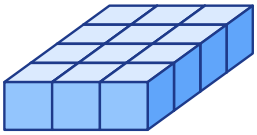
This box is 2 cubes long, 2 cubes wide and 1 cube tall. Its volume in cubic units is 2 × 2 × 1 = ___



Volume by Counting Cubes · 15

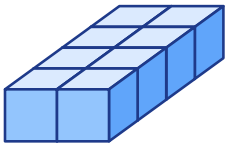
Count the cubes in both solids. What is their volume together, in cubic units?





Volume by Counting Cubes · 16

One more layer of cubes, just like the top layer, is put on top of this solid. What is the volume now, in cubic units?



Volume by Counting Cubes · 10

ANSWER

9

Volume by Counting Cubes · 9

ANSWER

10

Volume by Counting Cubes · 12

ANSWER

9

Volume by Counting Cubes · 11

ANSWER

12

Volume by Counting Cubes · 14

ANSWER

4

Volume by Counting Cubes · 13

ANSWER

1

Volume by Counting Cubes · 16

ANSWER

16

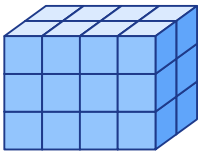
Volume by Counting Cubes · 15

ANSWER

22

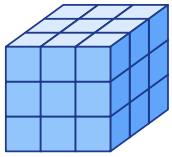
Volume by Counting Cubes · 17

How many unit cubes make this solid? Give the volume in cubic units.



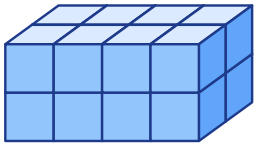
Volume by Counting Cubes · 18

How many unit cubes make this solid? Give the volume in cubic units.



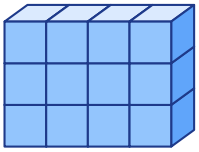
Volume by Counting Cubes · 19

How many unit cubes make this solid? Give the volume in cubic units.



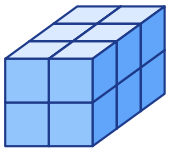
Volume by Counting Cubes · 20

How many cubes of this solid are in the bottom layer, touching the floor?



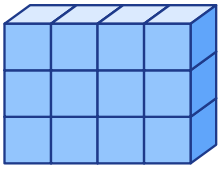
Volume by Counting Cubes · 21

How many layers of cubes does this solid have, counting from the floor up?



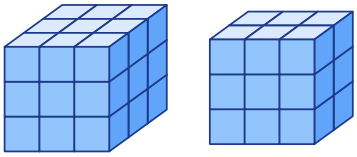
Volume by Counting Cubes · 22

This box is 4 cubes long, 1 cube wide and 3 cubes tall. Its volume in cubic units is 4 × 1 × 3 = ___



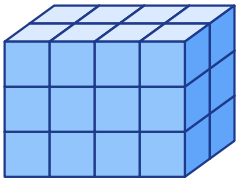
Volume by Counting Cubes · 23

Count the cubes in both solids. What is their volume together, in cubic units?



Volume by Counting Cubes · 24

One more layer of cubes, just like the top layer, is put on top of this solid. What is the volume now, in cubic units?



Volume by Counting Cubes · 18

ANSWER

27

Volume by Counting Cubes · 17

ANSWER

24

Volume by Counting Cubes · 20

ANSWER

4

Volume by Counting Cubes · 19

ANSWER

16

Volume by Counting Cubes · 22

ANSWER

12

Volume by Counting Cubes · 21

ANSWER

2

Volume by Counting Cubes · 24

ANSWER

32

Volume by Counting Cubes · 23

ANSWER

45