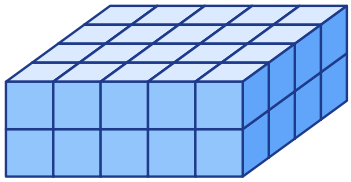
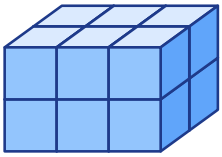
Task card 1 Volume by Counting Cubes

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



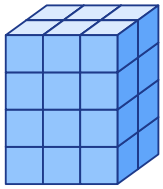
Task card 2 Volume by Counting Cubes

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



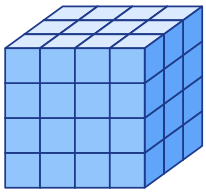
Task card 3 Volume by Counting Cubes

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



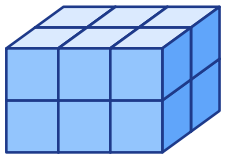
Task card 4 Volume by Counting Cubes

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



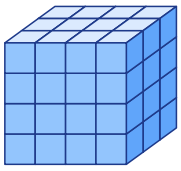
Task card 5 Volume by Counting Cubes

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



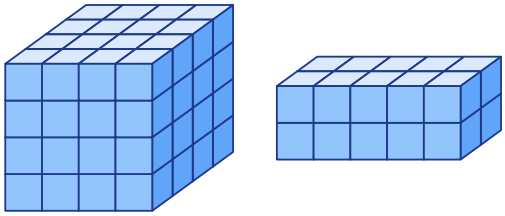
Task card 6 Volume by Counting Cubes

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



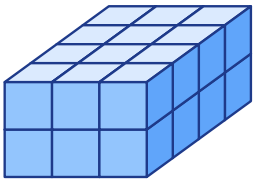
Task card 7 Volume by Counting Cubes

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



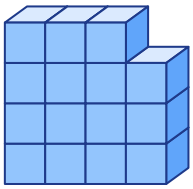
Task card 8 Volume by Counting Cubes

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?



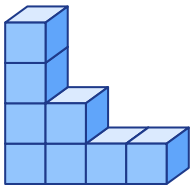
Task card 9 Volume by Counting Cubes

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



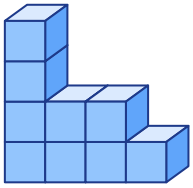
Task card 10 Volume by Counting Cubes

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



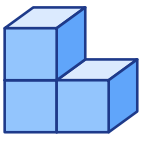
Task card 11 Volume by Counting Cubes

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



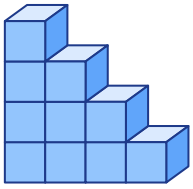
Task card 12 Volume by Counting Cubes

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



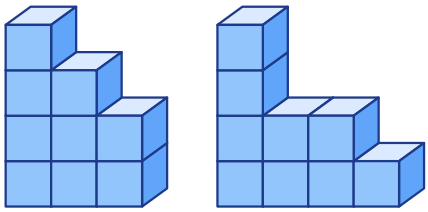
Task card 13 Volume by Counting Cubes

How many cubes are in the tallest stack of this solid?



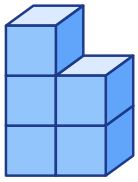
Task card 14 Volume by Counting Cubes

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



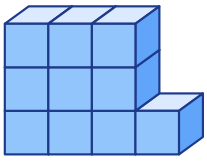
Task card 15 Volume by Counting Cubes

How many more cubes are needed to fill this solid in, so it becomes a full box 2 cubes long, 1 cubes wide and 3 cubes tall?



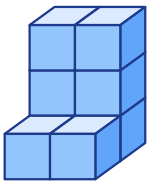
Task card 16 Volume by Counting Cubes

One more cube is put on top of every stack of this solid. What is the volume now, in cubic units?



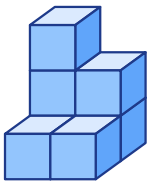
Task card 17 Volume by Counting Cubes

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



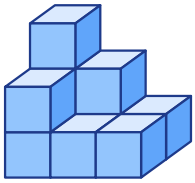
Task card 18 Volume by Counting Cubes

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



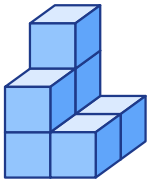
Task card 19 Volume by Counting Cubes

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



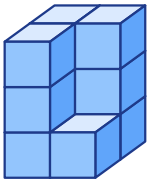
Task card 20 Volume by Counting Cubes

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



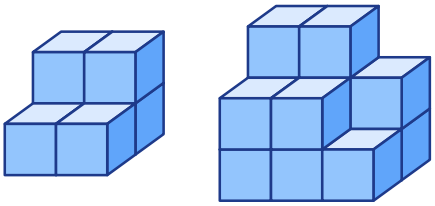
Task card 21 Volume by Counting Cubes

How many cubes are in the tallest stack of this solid?



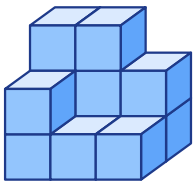
Task card 22 Volume by Counting Cubes

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



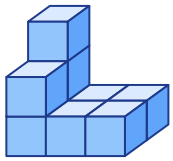
Task card 23 Volume by Counting Cubes

How many more cubes are needed to fill this solid in, so it becomes a full box 3 cubes long, 2 cubes wide and 3 cubes tall?



Task card 24 Volume by Counting Cubes

One more cube is put on top of every stack of this solid. What is the volume now, in cubic units?



Volume by Counting Cubes Task Cards

Recording sheet · Grade 5 · Each small cube is 1 cubic unit. Read each question carefully and count the cubes, including the ones hidden under or behind others. Every cube sits on the floor or on another cube.

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

Volume by Counting Cubes Task Cards: Answer Key

Grade 5 · Medium

The answers online

1. 40	**2.** 12	**3.** 24
4. 12	**5.** 2	**6.** 48
7. 84	**8.** 36	**9.** 15
10. 8	**11.** 9	**12.** 2
13. 4	**14.** 18	**15.** 1
16. 14	**17.** 8	**18.** 7
19. 10	**20.** 4	**21.** 3
22. 19	**23.** 6	**24.** 15