



TIMO practice: Counting squares (with solutions)

10 problems · Grade 1, 2, 3 · answers and solutions at the end

Name _____

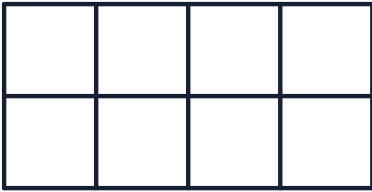
Date _____



Practise this type in the Karotto app, with questions read aloud and hints when stuck. Scan the code or visit playkarotto.com

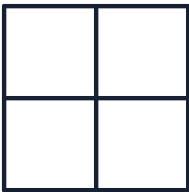
Grade 1

- 1 How many squares are there in the picture in all?



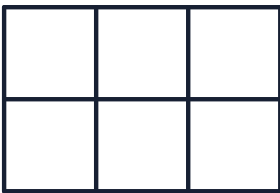
Answer: _____

- 2 How many squares are there in the picture in all?



Answer: _____

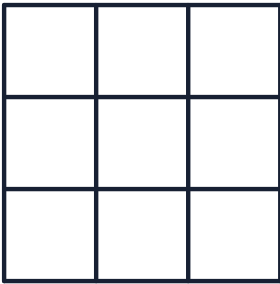
- 3 How many squares are there in the picture in all?



Answer: _____

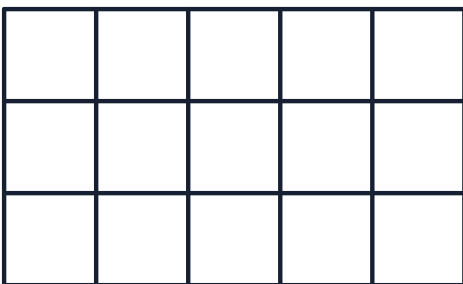
Grade 2

- 4 How many squares are there in the picture in all?



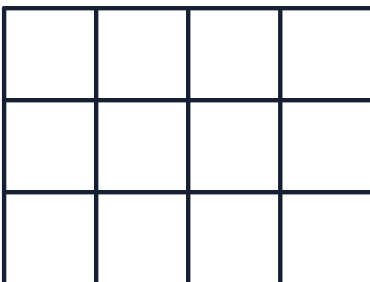
Answer: _____

- 5 How many squares are there in the picture in all?



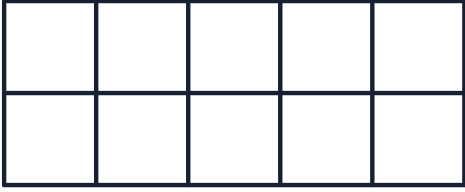
Answer: _____

- 6 How many squares are there in the picture in all?



Answer: _____

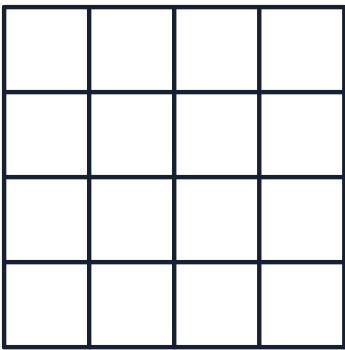
7 How many squares are there in the picture in all?



Answer: _____

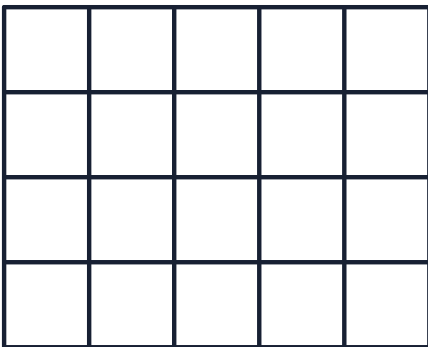
Grade 3

8 How many squares are there in the picture in all?



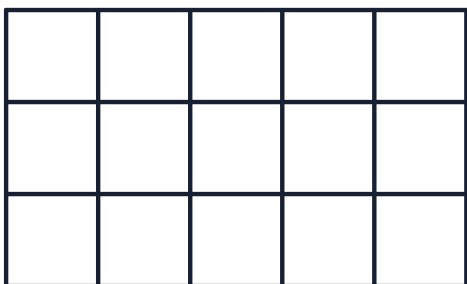
Answer: _____

9 How many squares are there in the picture in all?



Answer: _____

10 How many squares are there in the picture in all?



Answer: _____

Answers and solutions: Counting squares

1. Answer: 11 · Grade 1

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 8 plus 3 equals 11 squares.

2. Answer: 5 · Grade 1

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 4 plus 1 equals 5 squares.

3. Answer: 8 · Grade 1

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 6 plus 2 equals 8 squares.

4. Answer: 14 · Grade 2

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 9 plus 4 plus 1 equals 14 squares.

5. Answer: 26 · Grade 2

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 15 plus 8 plus 3 equals 26 squares.

6. Answer: 20 · Grade 2

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 12 plus 6 plus 2 equals 20 squares.

7. Answer: 14 · Grade 2

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 10 plus 4 equals 14 squares.

8. Answer: 30 · Grade 3

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 16 plus 9 plus 4 plus 1 equals 30 squares.

9. Answer: 40 · Grade 3

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 20 plus 12 plus 6 plus 2 equals 40 squares.

10. Answer: 26 · Grade 3

How to think: Count the small 1-box squares first, then the 4-box squares, the 9-box squares...

Solution: Count from small to big: 15 plus 8 plus 3 equals 26 squares.
