



TIMO practice: Perimeter of joined shapes (with solutions)

4 problems · Grade 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 3

- 1 2 squares, each with sides of 5 centimetres, are put together in a row like the picture. What is the perimeter of the new shape in centimetres?



Answer: _____

- 2 3 squares, each with sides of 5 centimetres, are put together in a row like the picture. What is the perimeter of the new shape in centimetres?



Answer: _____

- 3 5 squares, each with sides of 9 centimetres, are put together in a row like the picture. What is the perimeter of the new shape in centimetres?



Answer: _____

- 4 3 squares, each with sides of 6 centimetres, are put together in a row like the picture. What is the perimeter of the new shape in centimetres?



Answer: _____

Answers and solutions: Perimeter of joined shapes

1. Answer: 30 · Grade 3

How to think: The perimeter is the length all the way around the outside of the shape. Lines inside don't count.

Solution: The new shape is a rectangle 10 centimetres long and 5 centimetres wide. The perimeter is 10 plus 5 plus 10 plus 5 equals 30.

2. Answer: 40 · Grade 3

How to think: The perimeter is the length all the way around the outside of the shape. Lines inside don't count.

Solution: The new shape is a rectangle 15 centimetres long and 5 centimetres wide. The perimeter is 15 plus 5 plus 15 plus 5 equals 40.

3. Answer: 108 · Grade 3

How to think: The perimeter is the length all the way around the outside of the shape. Lines inside don't count.

Solution: The new shape is a rectangle 45 centimetres long and 9 centimetres wide. The perimeter is 45 plus 9 plus 45 plus 9 equals 108.

4. Answer: 48 · Grade 3

How to think: The perimeter is the length all the way around the outside of the shape. Lines inside don't count.

Solution: The new shape is a rectangle 18 centimetres long and 6 centimetres wide. The perimeter is 18 plus 6 plus 18 plus 6 equals 48.
