

Reasoning and Problem Solving – Measure Perimeter 2

National Curriculum Objectives:

Mathematics Year 3: (3M1a) [Measure, compare, add and subtract: lengths \(m/cm/mm\); mass \(kg/g\); volume/capacity \(l/ml\)](#)

Differentiation:

Developing Measure the perimeter of two rectangular shapes on a centimetre grid. Find which shape has a longer/shorter perimeter.

Secure Measure the perimeter of two simple rectilinear shapes on a centimetre grid. Find which shape has a longer/shorter perimeter.

Mastery Measure the perimeter of two complex rectilinear shapes on a centimetre grid. Find which shape has a longer/shorter perimeter.

More [Reasoning and Problem Solving](#) Resources.

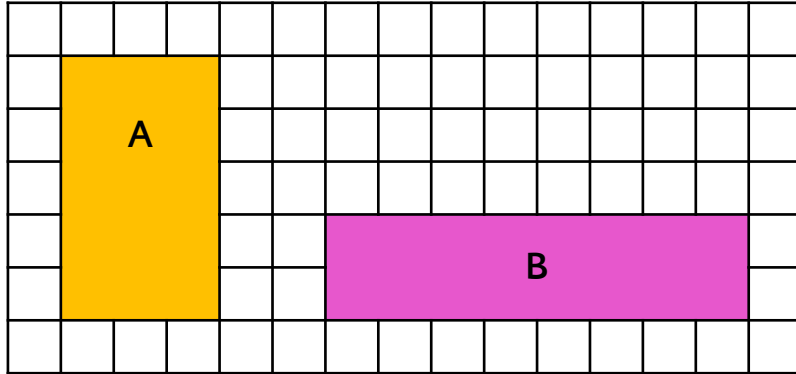
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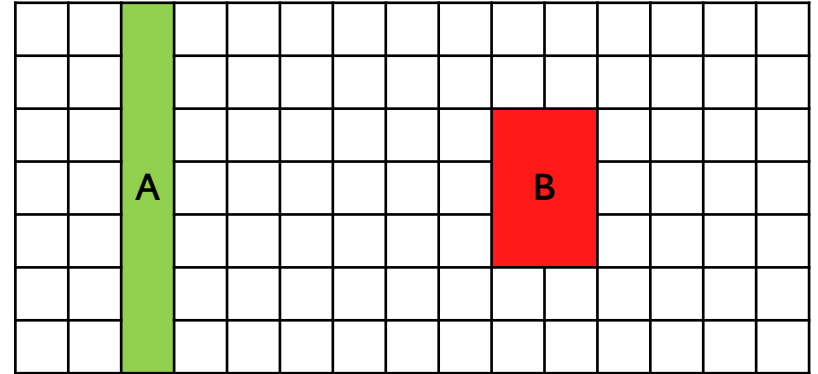
Reasoning and Problem Solving – Measure Perimeter – Teaching Information

Reasoning and Problem Solving – Measure Perimeter 2

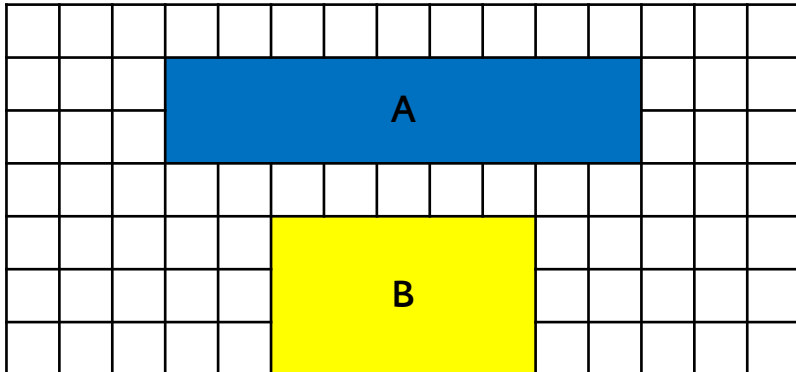
1. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



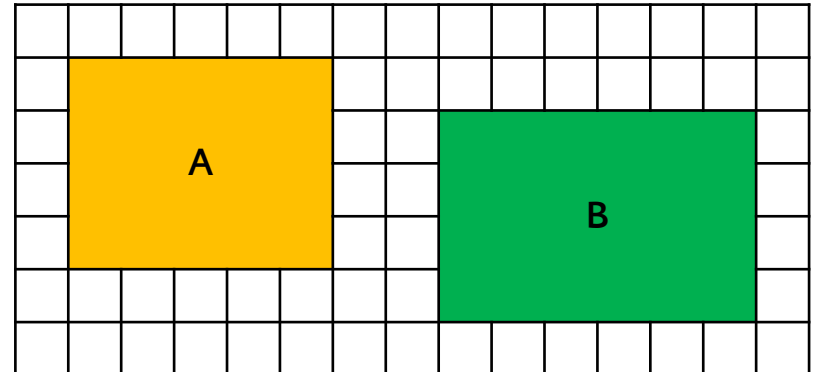
2. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



3. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



4. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?

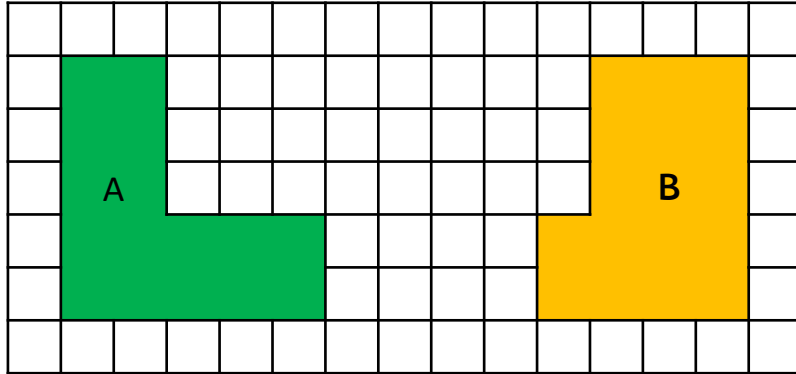


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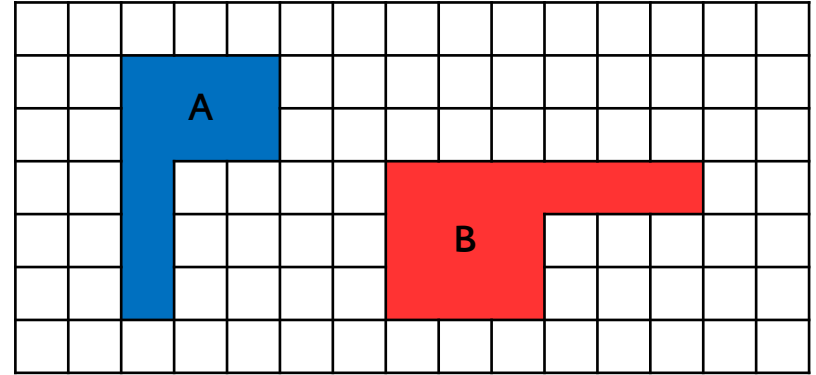
Reasoning and Problem Solving – Measure Perimeter – Year 3 Developing

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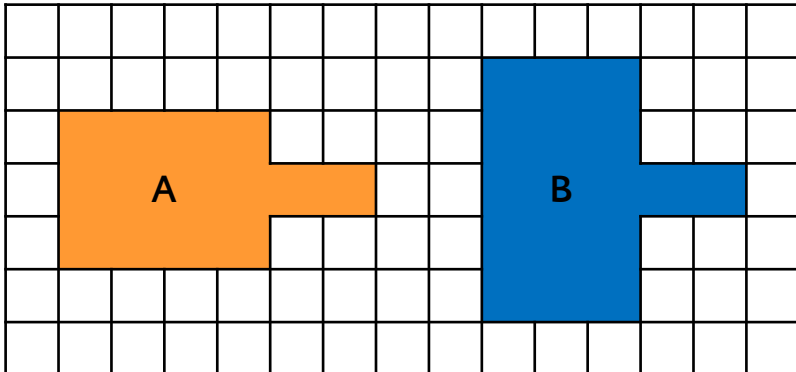
5. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



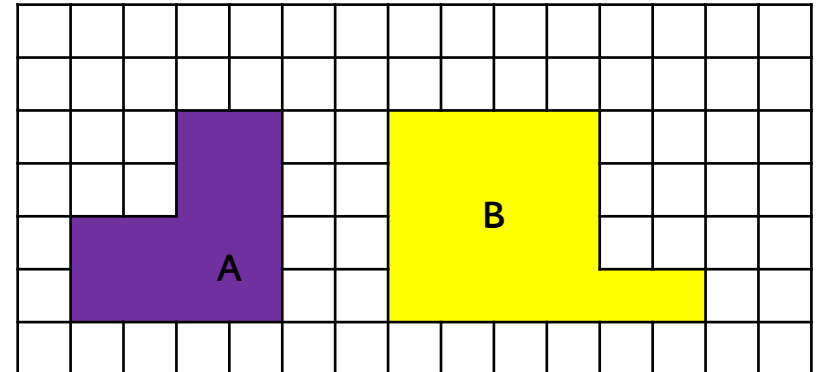
6. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



7. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?

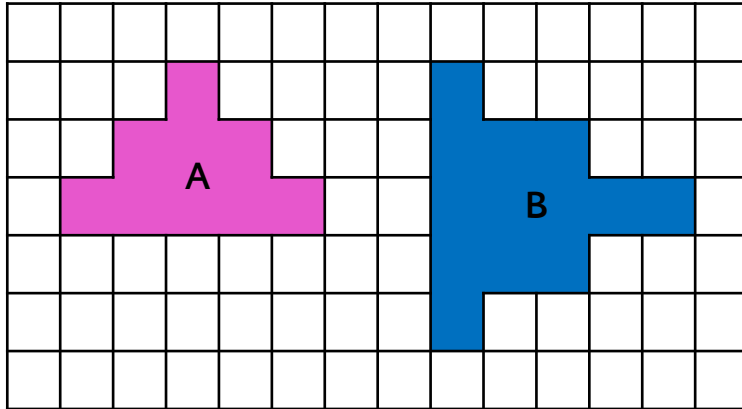


8. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?

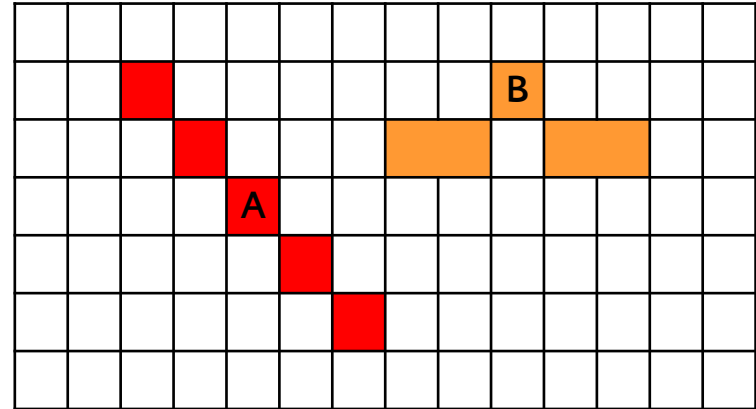


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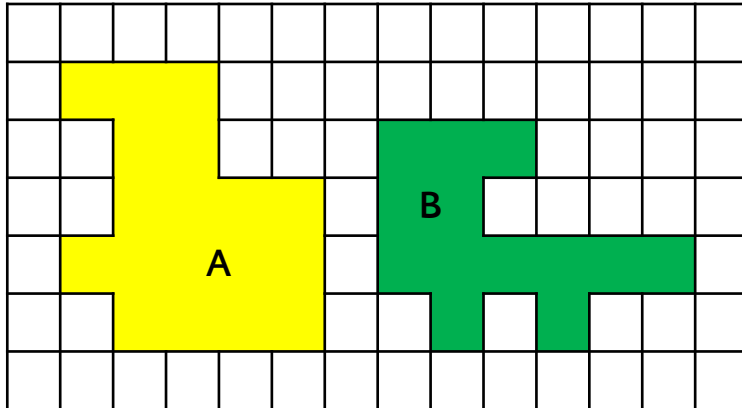
9. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



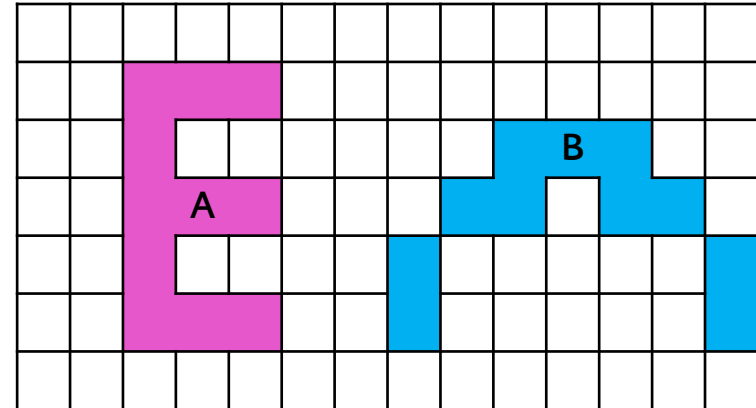
10. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



11. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



12. Find the perimeter of each shape in centimetres. Which shape has a longer perimeter?



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Reasoning and Problem Solving – Measure Perimeter – Year 3 Mastery

Developing

1. A: 16cm; B: 20cm. Shape B has a longer perimeter.
2. A: 16cm; B: 10cm. Shape A has a longer perimeter.
3. A: 22cm; B: 16cm. Shape A has a longer perimeter.
4. A: 18cm; B: 20cm. Shape B has a longer perimeter.

Secure

5. A: 20cm; B: 18cm. Shape A has a longer perimeter.
6. A: 16cm; B: 18cm. Shape B has a longer perimeter.
7. A: 18cm; B: 20cm. Shape B has a longer perimeter.
8. A: 16cm; B: 20cm. Shape B has a longer perimeter.

Mastery

9. A: 16cm; B: 20cm. Shape B has a longer perimeter.
10. A: 20cm; B: 16cm. Shape A has a longer perimeter.
11. A: 22cm; B: 24cm. Shape B has a longer perimeter.
12. A: 24cm; B: 28cm. Shape B has a longer perimeter.