Year 4 Maths
Steppingstone activity

Lesson 8
LO: To measure the perimeter of a rectilinear shape
Success Criteria:

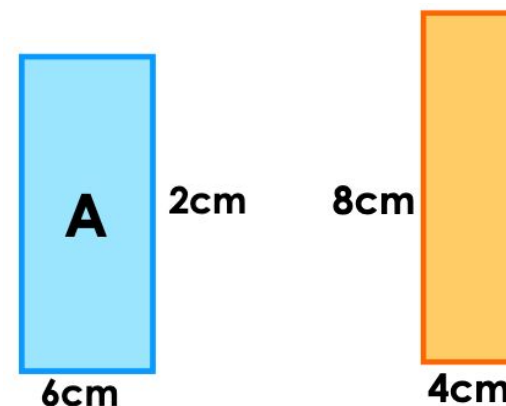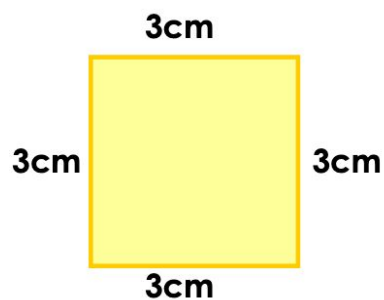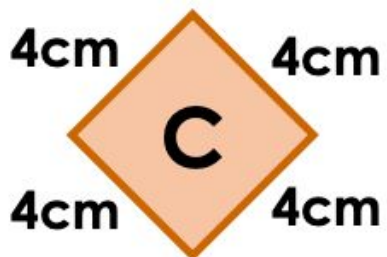| 1. Look at your shape |
|---|
| 2. Add your 4 four sides |
| 3. Write the answer |

Remember: Carefully count up the four sides

Model

1.

2.
$5 + 5 + 3 + 3 = 16$

3.
$5 + 5 + 3 + 3 = 16$

Now you try…

2cm

2cm A 2cm

2cm

4cm   4cm

C

4cm   4cm

3cm

3cm   3cm

3cm

A   2cm

6cm

8cm

4cm

Year 4 Maths

Lesson 8

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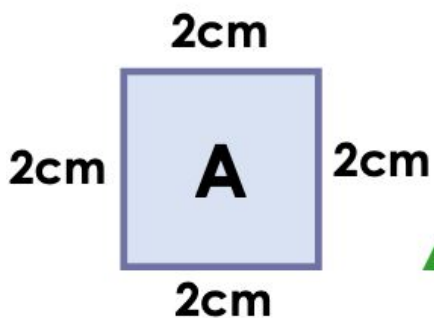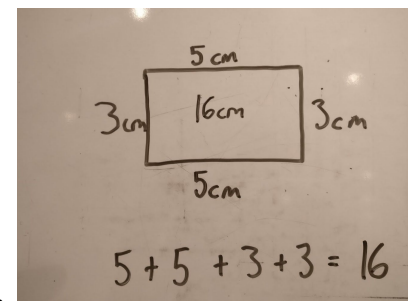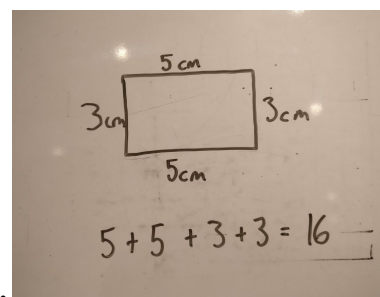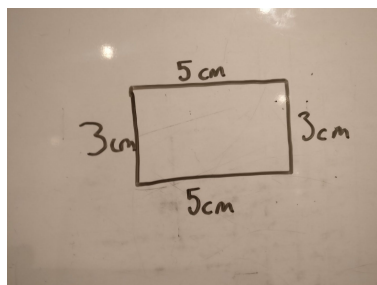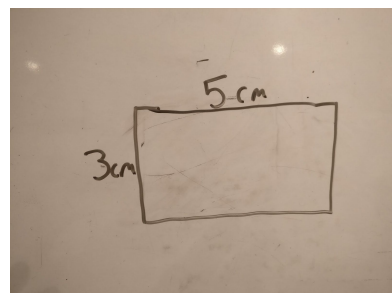
Success Criteria:

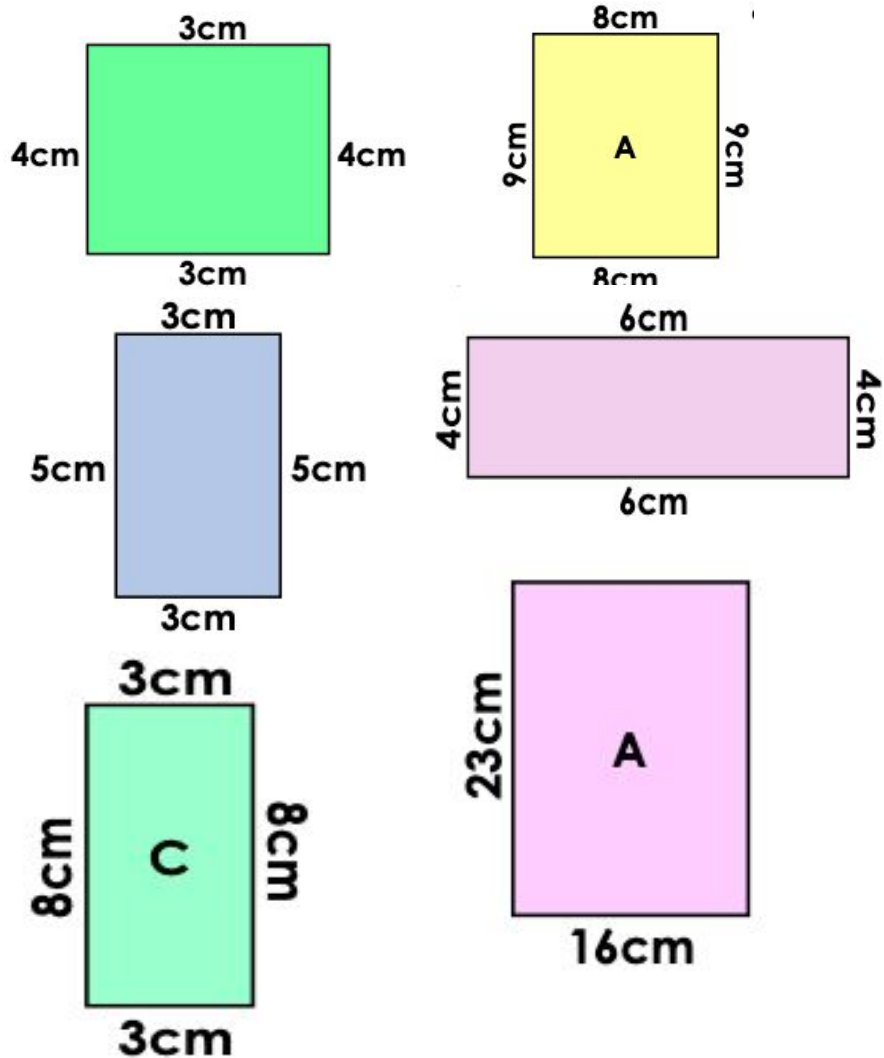| |
|---|
| 1. Look at your shape |
| 2. Work out the missing sides |
| 3. Add your 4 four sides |
| 4. Write the answer |

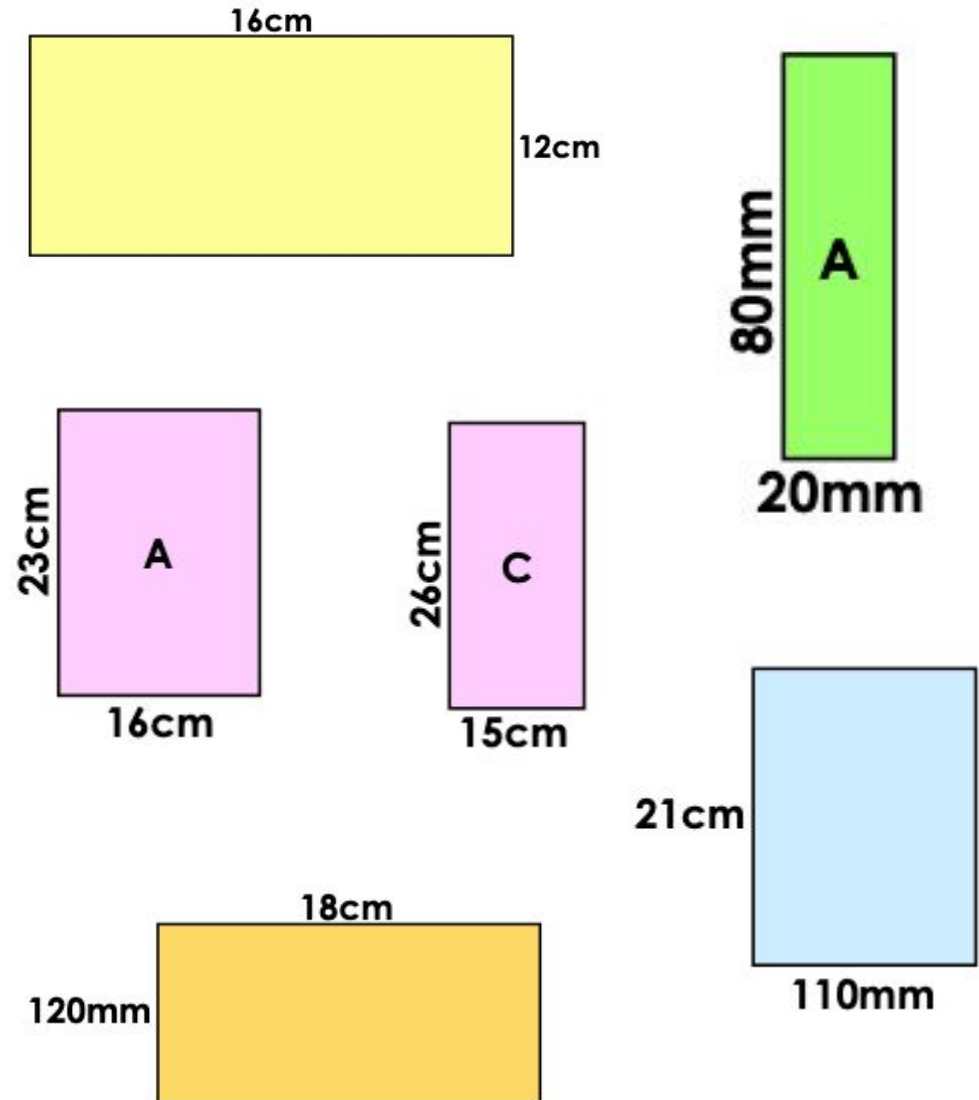**Remember: Do not include the corner squares!**

Model:

1.
2.
3.
4.

Year 4 Maths Main activity
Complete at least 2 columns, more if you can!

Task 1	Task 2
Practice: Add the four sides up carefully	**Practice: Look carefully at the units of measure**

Task 1

3cm

4cm [green square] 4cm

3cm

8cm

9cm [A, yellow] 9cm

8cm

3cm

5cm [blue] 5cm

3cm

6cm

4cm [pink] 4cm

6cm

3cm

8cm [C, green] 8cm

3cm

23cm

[A, pink]

16cm

Task 2

16cm

[yellow] 12cm

80mm [A, green] 20mm

23cm [A, pink] 16cm

26cm [C, pink] 15cm

18cm

120mm [orange]

21cm [blue] 110mm

Task 3

Reasoning
Explain your answers.

6a. Ralph says,

If a shape has a perimeter of 31cm, then it cannot be a rectangle.

Is Ralph correct? Prove it.

9b. Spencer says,
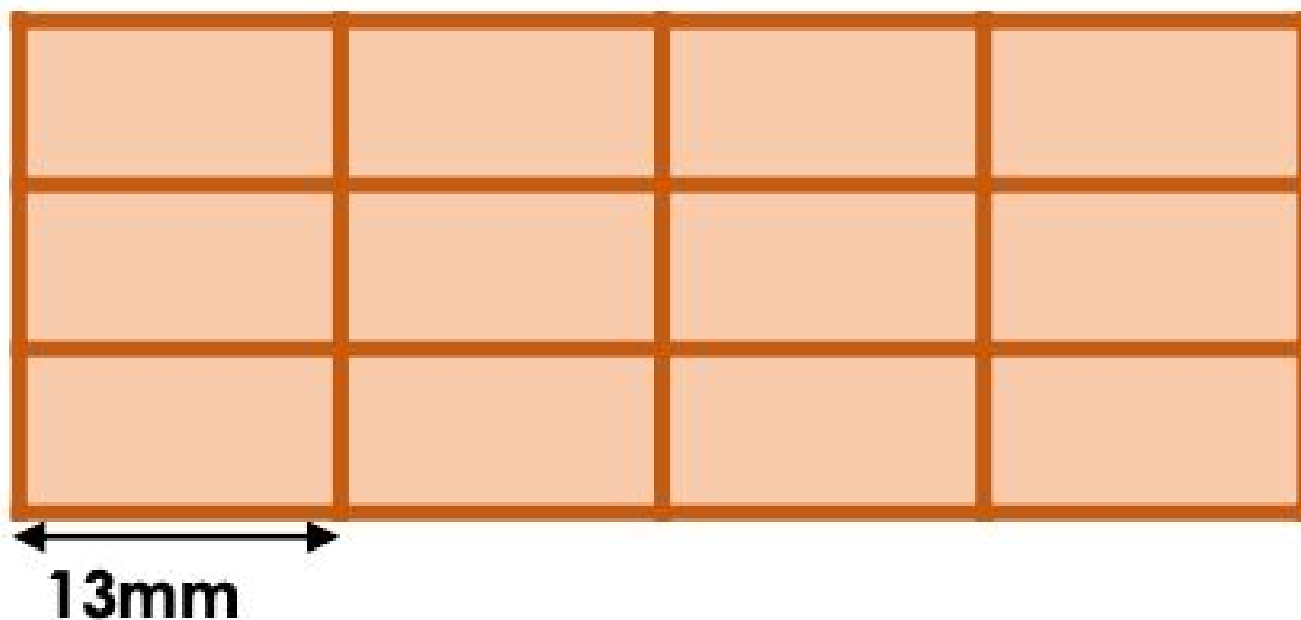
If a rectangle has two sides which are odd numbers, then the perimeter will also be an odd number.

Is Spencer correct? Prove it.

Task 4

Problem solving

5a. This wall is made up of bricks. Each brick has a length of 13mm and a total perimeter of 36mm.

13mm

Calculate the perimeter of the whole wall.