Walking All Around Shapes

Measuring the perimeter in maths

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DID YOU KNOW?

Perimeter means measure all around.

Old words peri means around and metron means measure.

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Same idea, different sides

Square

- 4 sides all the same length
- Add one side four times

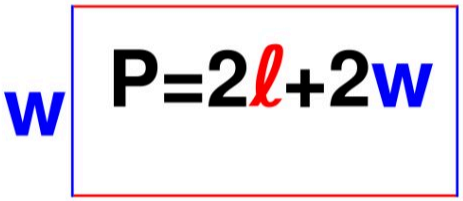
Rectangle

- Opposite sides are equal
- Add two longs, two shorts

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BIG IDEA

Perimeter is the walk all the way round a shape.

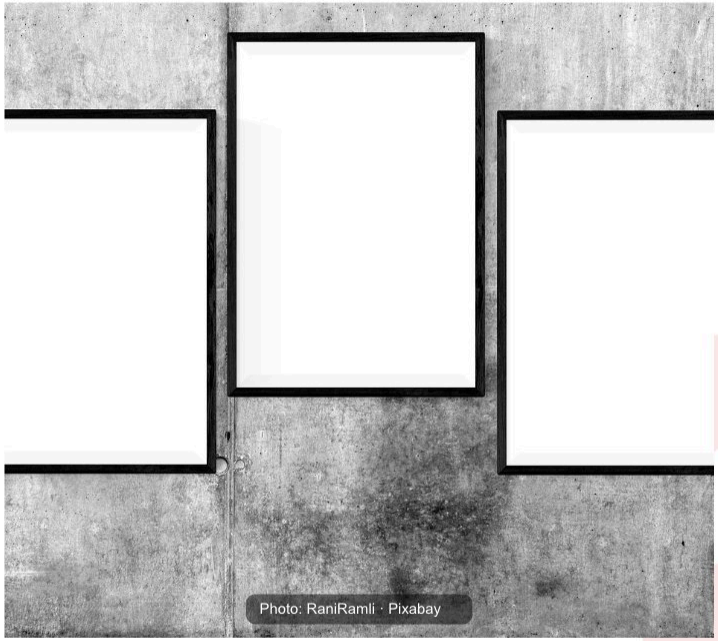


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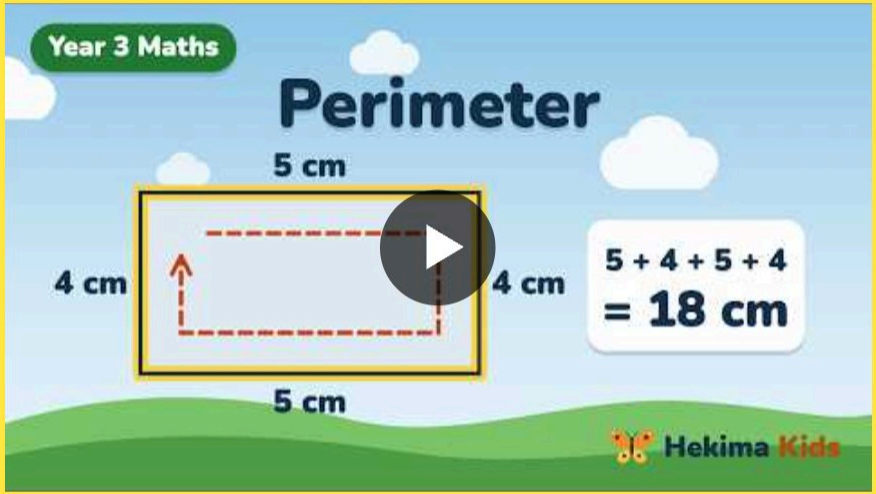
What could this be?

It hugs the frame. You add all its sides. What is it?



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Watch and learn



▶ 0:00 – 4:50

- Watch where the ruler starts
- Hear how sides are added

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Shapes we can measure



Triangle

Add its 3 sides together.



Square

All 4 sides are equal.



Rectangle

Two long sides, two short sides.

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Measure with me



▶ 0:00 – 1:57

- See how to measure in centimetres
- Count every side once

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Your task

Measure 3 paper shapes with a ruler and find each perimeter.

1. Measure each side in centimetres
2. Write each length down
3. Add all the sides together

20 min

In pairs

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Steps to success

1. Pick a corner to start
2. Measure each side in centimetres
3. Add every side together
4. Write your answer with cm

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Think, pair, share

A rectangle is 5 cm long and 3 cm wide. Must you measure all four sides?

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Quick quiz

1. What does perimeter tell us?
2. Square with 4 cm sides. Perimeter?
3. Rectangle 10 cm, 5 cm, 10 cm, 5 cm. Perimeter?
4. Triangle with sides 3 cm, 4 cm, 5 cm. Perimeter?

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