

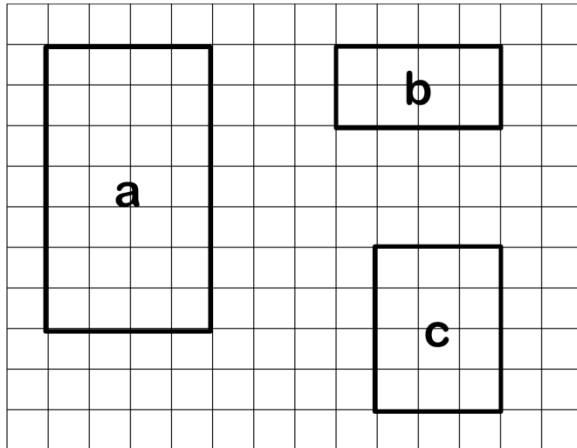
Year 5

Week 5

Lesson 2 – measuring perimeter

Challenge 1 Part 1

What is the perimeter of these rectangles? Use the squares and count around the shapes carefully.



A =

B =

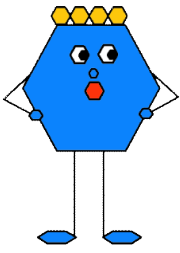
C =

Challenge 1 part 2

Below are the lengths (L) and widths (W) of some rectangles. Use the formula $P=(L + W) \times 2$ to calculate their perimeter.

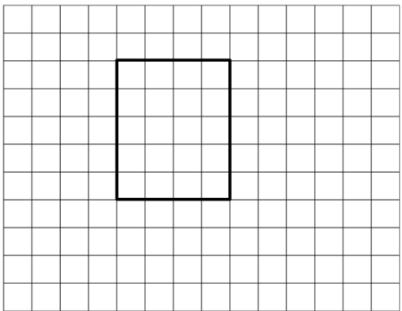
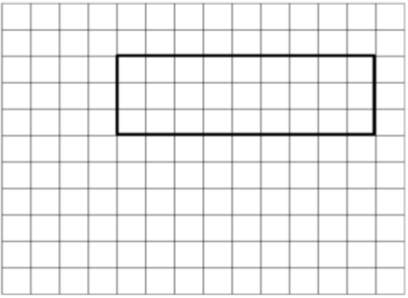
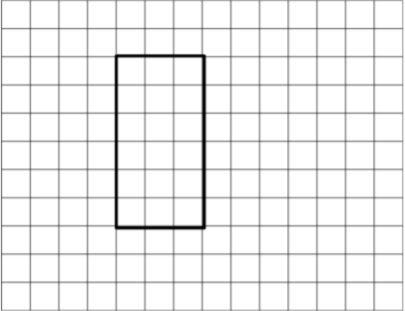
- a) L = 7cm W = 3cm
- b) L = 10cm W = 5cm
- c) L = 6cm W = 3cm
- d) L = 9cm W = 4cm
- e) L = 8cm W = 2cm

Challenge 2



Helen Hexagon has been using squares to count around the rectangle to measure its perimeter. Then, she has used the formula $P = (L + W) \times 2$ to check her answer. Here are all of her answers.

Mark Helen Hexagon's work to see if there are any mistakes in there.

Rectangle on square grid	Formula $P = (L + W) \times 2$	Marking and feedback
	$P = (5 + 4) \times 2$ $P = 9 \times 2$ $P = 18\text{cm}$	
	$P = (8 + 3) \times 2$ $P = 11 \times 2$ $P = 22\text{cm}$	
	$P = (6 + 3) \times 2$ $P = 8 \times 2$ $P = 16\text{cm}$	

Challenge 3

Which two shapes have the same perimeter? None of these are drawn to scale.

