

Cambridge Home Learning

Answer Sheet

Notes: Count the rectangles

9 to 11

Solution and notes

There are 36 rectangles altogether.

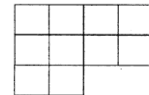
It helps to count systematically the different sizes of rectangles.

1×1	9	
2×1	12	(6 horizontal, 6 vertical)
3×1	6	(3 horizontal, 3 vertical)
2×2	4	
2×3	4	(2 horizontal, 2 vertical)
3×3	1	

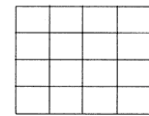
Extensions

Try other shapes.

In this shape there are 39 rectangles altogether.



In this one there are 100 rectangles altogether.



1×1	16	
1×2	24	12 horizontal, 12 vertical
1×3	16	8 horizontal, 8 vertical
1×4	8	4 horizontal, 4 vertical
2×2	9	
2×3	12	6 horizontal, 6 vertical
2×4	6	3 horizontal, 3 vertical
3×3	4	
3×4	4	2 horizontal, 2 vertical
4×4	1	

Recognise rectangles of different sizes
Work out a strategy for systematic counting