





Steps to success

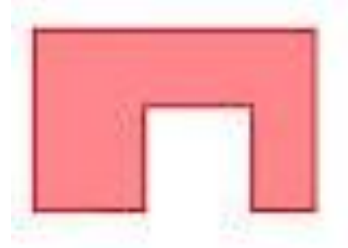
Lockdown work	
Date	27.1.21
Subject/s	Maths
Learning Objective	To create different shapes using what I know about area.

SA	TA
	

Success Criteria  	I know what a rectilinear shape is.		
	I can create shapes using previously learnt knowledge.		
Support	Independently	Support ()	Group work

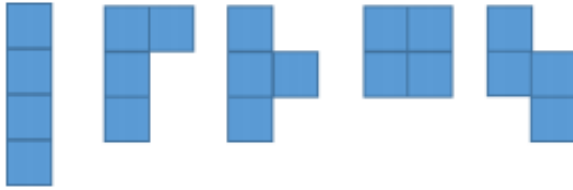
Pre-task:

Which of these is a rectilinear shape?



Fluency

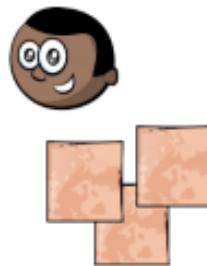
1. Ron has 4 squares.
He systematically makes rectilinear shapes.



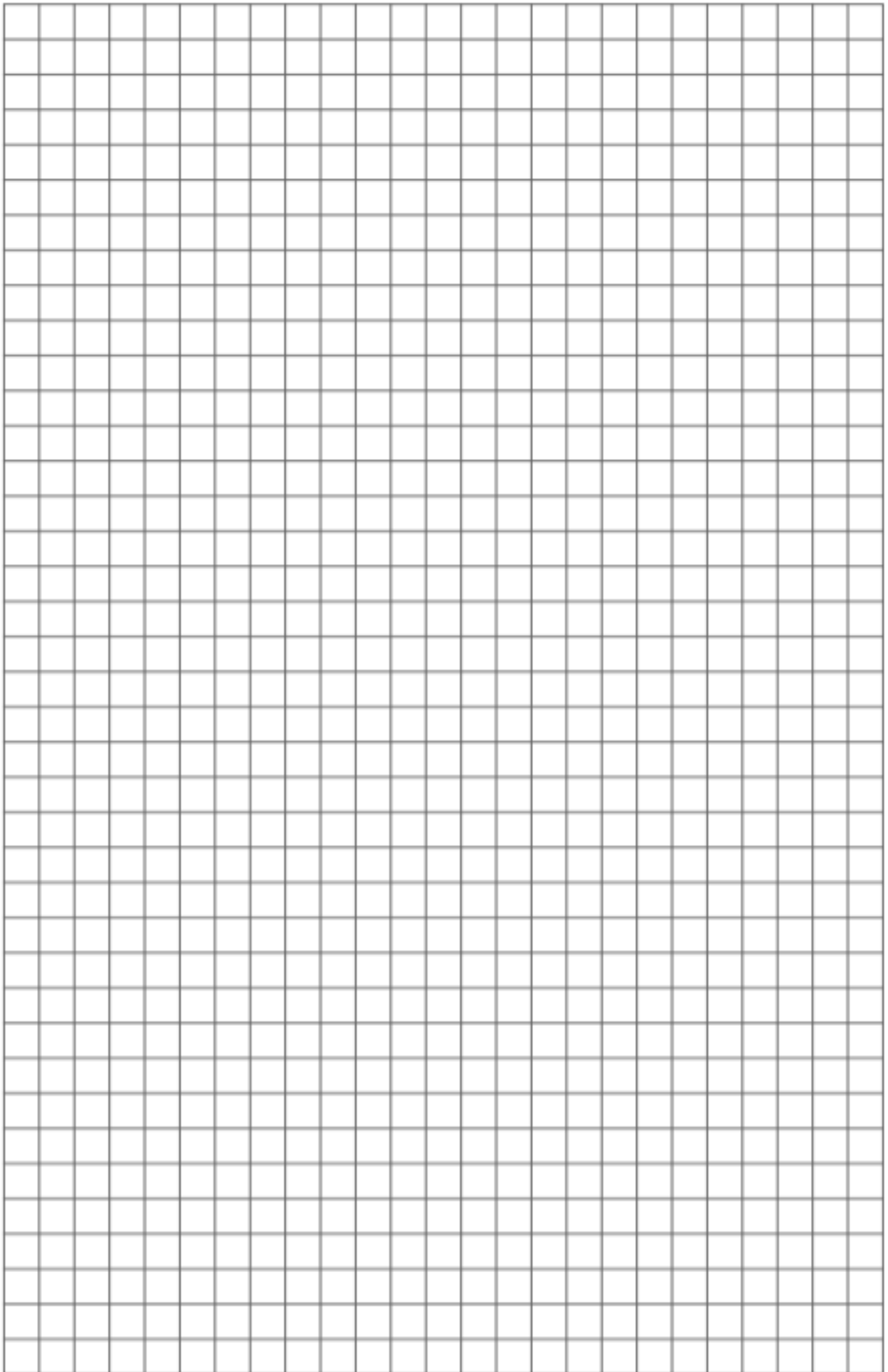
Use 5 squares to make rectilinear shapes.
Can you work systematically?

2. Use squared paper to draw 4 different rectilinear shapes with an area of 12 squares.
Compare your shapes to a partner.
Are they the same?
Are they different?

3. Mo is building a patio made of 20 square slabs.
What could the patio look like?
Mo is using 6 black square slabs in his design.
None of them are touching each other.
Where could they be in the designs you have made?



4. Using the squares in your maths book, draw 5 different rectilinear shapes using 10 squares each time.



Problem solving and reasoning:



Here is a rectilinear shape.

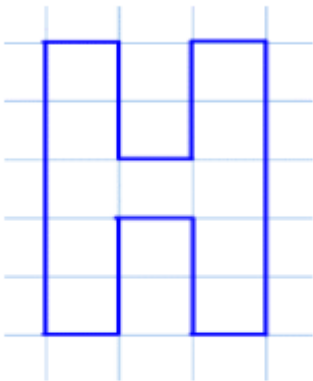


Using 7 more squares, can you make a rectangle?

Can you find more than one way?



Can you make some capital letters on squared paper using less than 20 squares?



Make a word from some and count the total area of the letters.

Which letters have a line of symmetry?

What is the area of half of each letter?

