





**Steps to success**

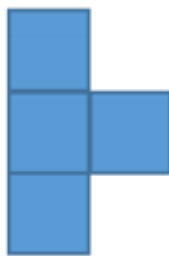
Lockdown work	
Date	29.1.21
Subject/s	Maths
Learning Objective 	To compare the area of different shapes.

SA 	TA 

Success Criteria 	I can calculate the area of a shape.		
	I can compare the area of different shapes.		
	I can use the greater than or less than symbol.		
Support	Independently	Support ( )	Group work

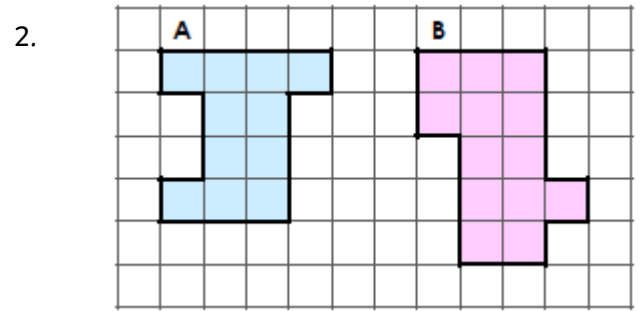
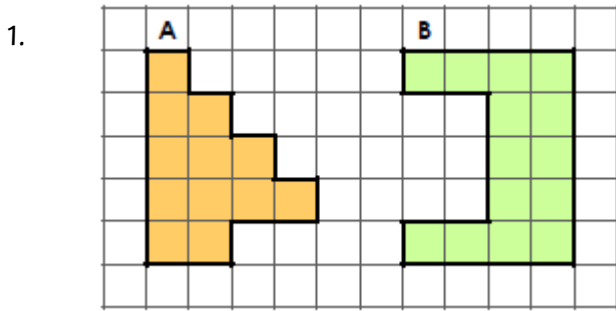
**Pre-task:**

**What is the area of these shapes?**

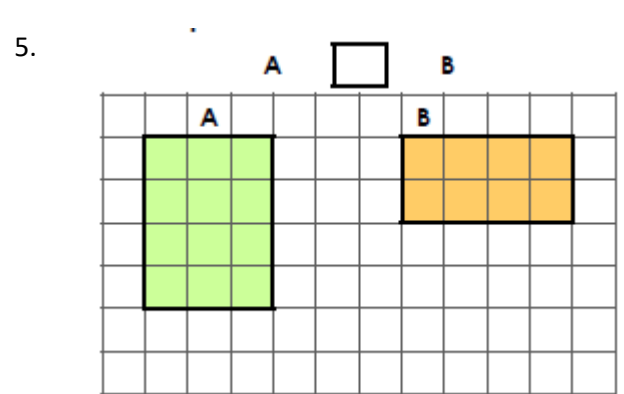
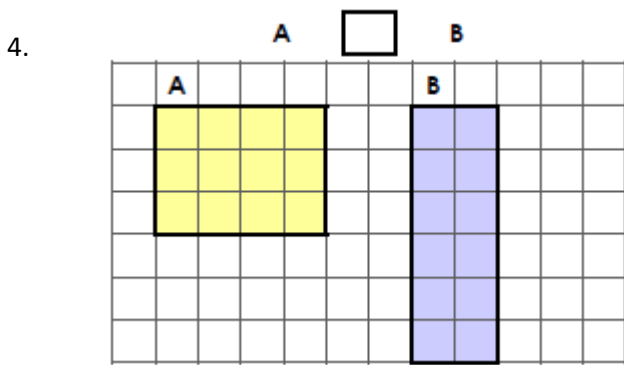
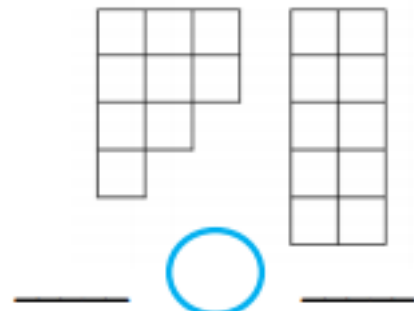
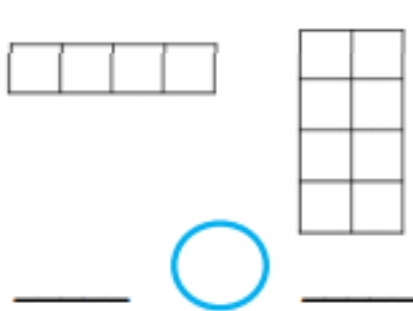


Fluency

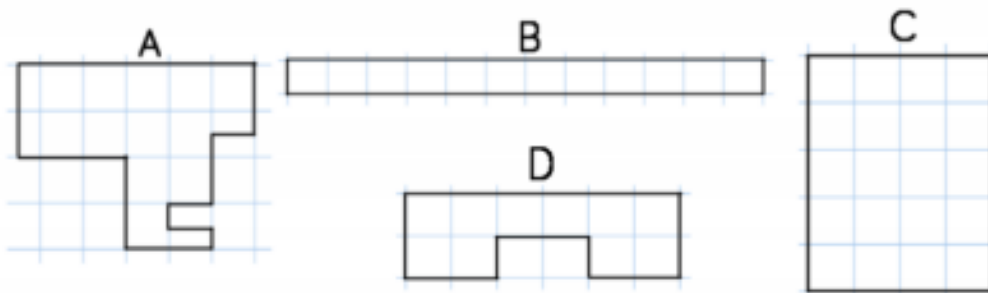
Look at these shapes and circle the one that you think has a largest area. Remember to count the squares to help you.



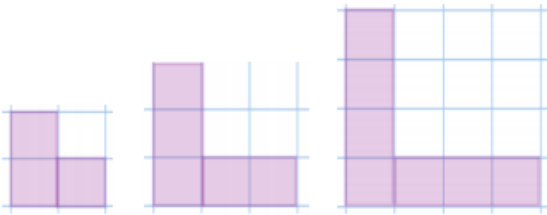
3. Complete the sentence stems using  $<$  and  $>$



6. Put the shapes in order from largest to smallest area.



Problem solving and reasoning:



Look at the shapes. Can you spot the pattern and explain how the area is changing each time?

Draw the next shape. What is its area?

Can you predict what the area of the 6<sup>th</sup> shape would be?

Can you spot any patterns in your answers?

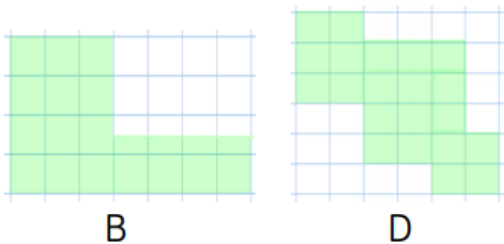


Shape C has been deleted.

Area C > Area B

Area C < Area D

Can you draw what shape C could look like?



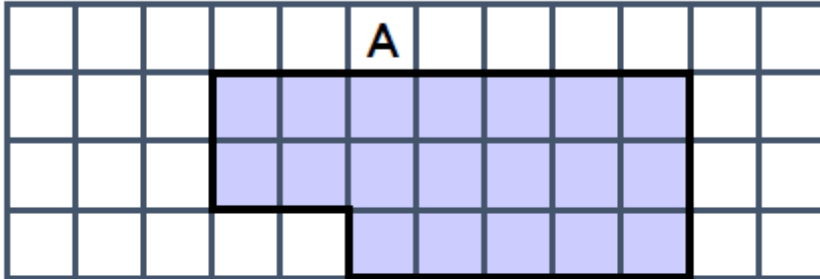
Shape A is missing too.

- It has the smallest area.
- It is symmetrical.

Can you draw what it could look like?

Further challenge

4a. Using the clues below, give the possible area of shape B.



The area of B is multiple of 4.

B is larger than A but its area is less than 25 squares.

