





Steps to success

Lockdown work	
Date	25.1.21
Subject/s	Maths
Learning Objective 	To understand what area is.

SA 	TA 

Success Criteria 	I know that area is the amount of space within a shape.		
	I can explain what the area is.		
Support	Independently	Support ()	Group work

Pre-task:

Which of the two shapes covers most surface?



How do you know?

This is a square sticky note.



Estimate how many sticky notes you need to make these shapes?



Fluency

1a. How many squares cover the surface of the shape below?



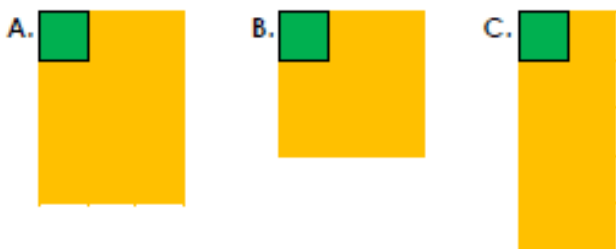
The surface of the shape is covered by ___ squares.

1b. How many squares cover the surface of the shape below?

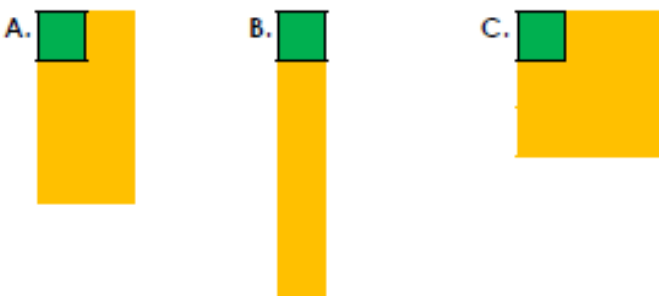


The surface of the shape is covered by ___ squares.

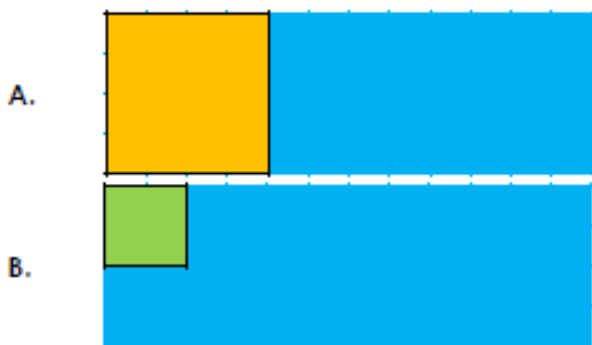
2a. Order the shapes from smallest area to largest area using the square as a reference.



2b. Order the shapes from largest area to smallest area using the square as a reference.



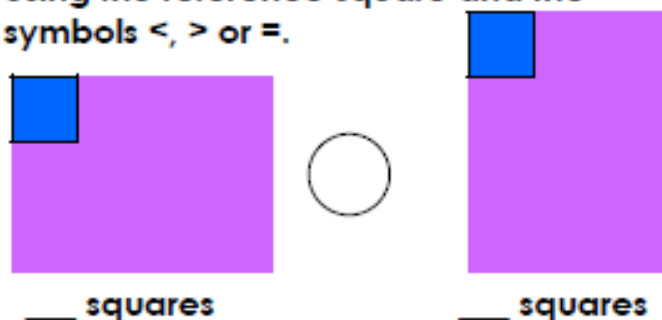
3a. Estimate how many of each square would cover the shapes below.



3b. Estimate how many of each square would cover the shapes below.



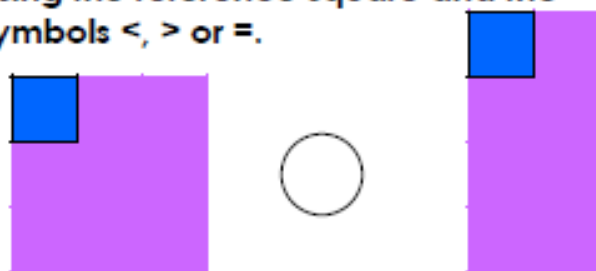
4a. Compare the area of these shapes using the reference square and the symbols $<$, $>$ or $=$.



___ squares

___ squares

4b. Compare the area of these shapes using the reference square and the symbols $<$, $>$ or $=$.



___ squares

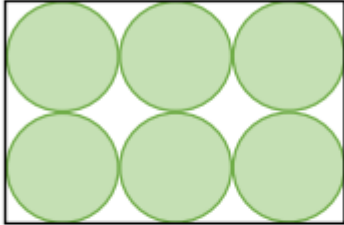
___ squares

Problem solving and reasoning:

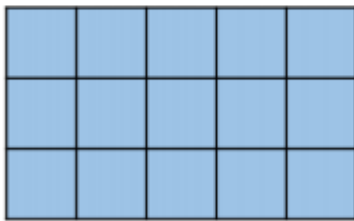


Teddy and Eva are measuring the area of the same rectangle.

Teddy uses circles to find the area.



Eva uses squares to find the area.



Whose method do you think is more reliable?
Explain why.



Two children have measured the top of their desk. They used different sized squares.



Dora

The area of the table top is 6 squares.

The area of the table top is 9 squares.



Alex

Who used the largest squares?
How do you know?

Further challenge

The area of this tile is 16 squares.

Do you agree? Why/why not?

