LO: Area
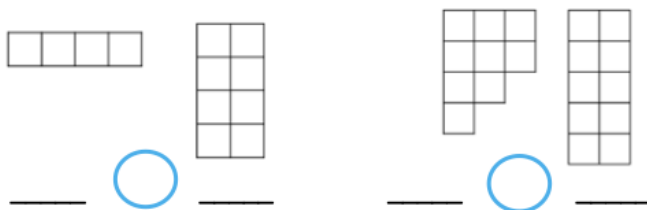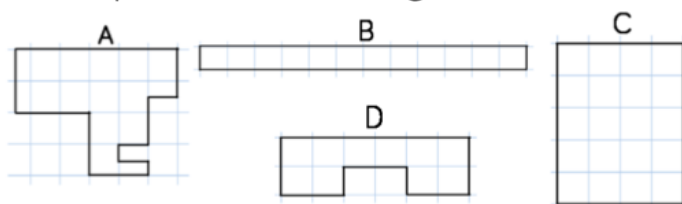
Use the words 'greater than' and 'less than' to compare the rectilinear shapes.
Complete the sentence stems using < and >
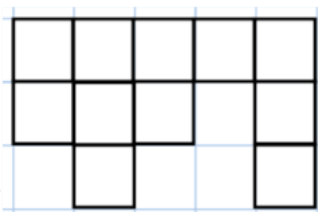

____ ◯ ____   ____ ◯ ____

Put the shapes in order from largest to smallest area.
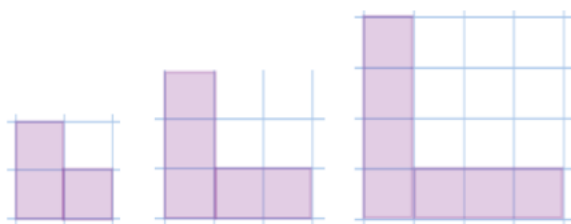

A   B   C

D

Here is a shape.
Draw a shape that has a smaller area than this shape but an area greater than 7 squares.
Draw a shape that has an area equal to the first shape, but looks different.

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 6th shape would be?

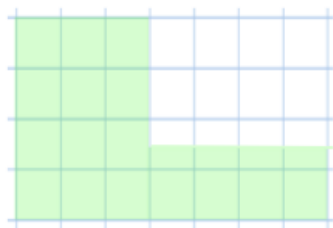Can you spot any patterns in your answers?

Shape C has been deleted.
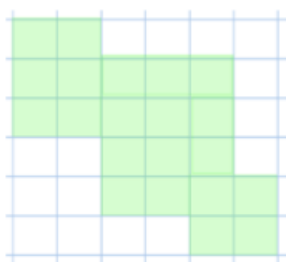
Area C > Area B
Area C < Area D

Can you draw what shape C could look like?

B   D

Shape A is missing too.
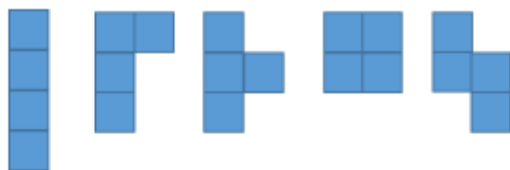- It has the smallest area.
- It is symmetrical.

Can you draw what it could look like?

Ron has 4 squares.
He systematically makes rectilinear shapes.

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

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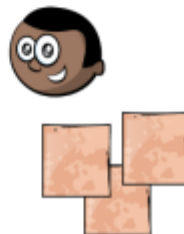Are they the same?
Are they different?

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?

Teddy and Eva are measuring the area of

he rectangle.

Here is a rectilinear shape.

ʻlate

Using 7 more squares, can you make a
rectangle?
Can you find more than one way?

The chocolate bar was a rectangle.
Can you work out how many squares of
chocolate there were to start with?

Explain why.