LO: Counting squares
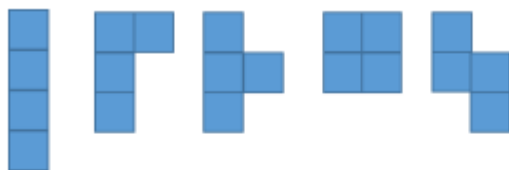
Ron has 4 squares.
He systematically makes rectilinear shapes.



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.
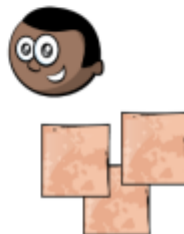Are they the same?
Are they different?

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?



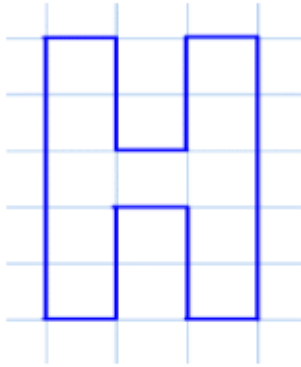Reasoning

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?