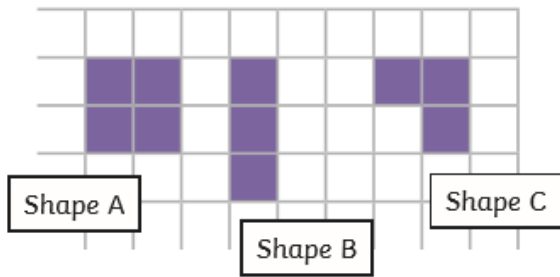


Red

1) Tamsin has drawn three rectilinear shapes with a total area of 10 squares.

a) Here is one example she has drawn. Finish off her calculations.



Area of shape A = _____ squares

Area of shape B = _____ squares

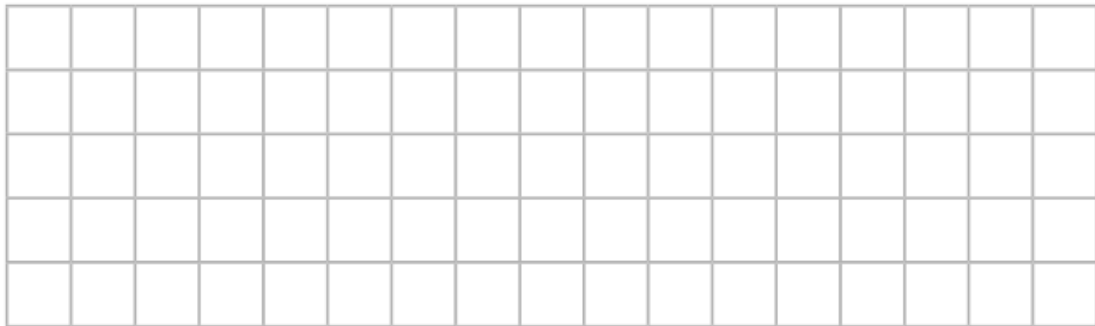
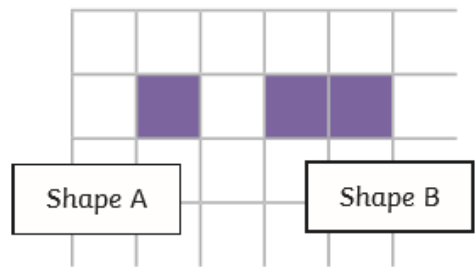
Area of shape C = _____ squares

Total area = _____ + _____ + _____ = 10 squares

b) India has also been drawing three rectilinear shapes with a total area of 10 squares.

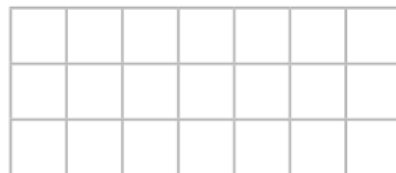
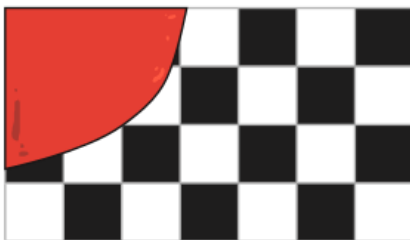
She has drawn a different shape A and shape B.

How many different ways can you find to draw shape C?
You may wish to use a larger piece of squared paper for your working out.

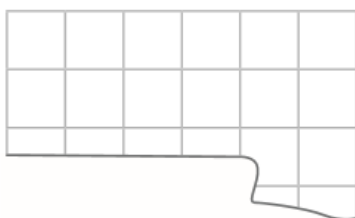


2) George has dropped a can of paint on his kitchen floor.

Can you work out how many squares there are on the kitchen floor altogether? Show your calculations.



3) Jay has accidentally ripped his page of graph paper.



a) What is the smallest possible area of the whole page of graph paper?

b) If the graph paper was 8 squares long, what is the largest possible area?
