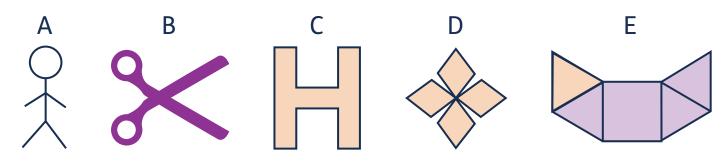


You will need a ruler for this worksheet.

Question 1

Here are some shapes.



Which of these shapes have two or more lines of symmetry?

M/laisla alagua a a lagua a anharana dina a afar mana atun 2
Which shapes have only one line of symmetry?

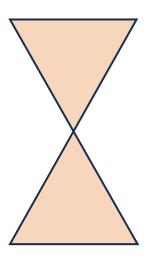
Which shapes have no lines of symmetry?



Question 2

Can you draw two lines of symmetry on these shapes?

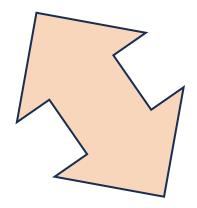
a



b



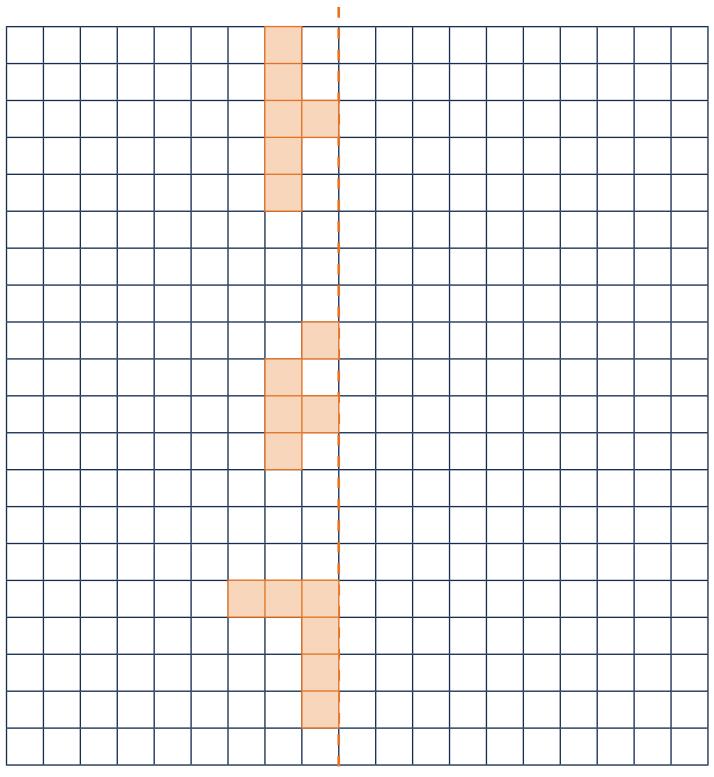
C





Question 3

Can you complete these patterns by reflecting them in the mirror line?

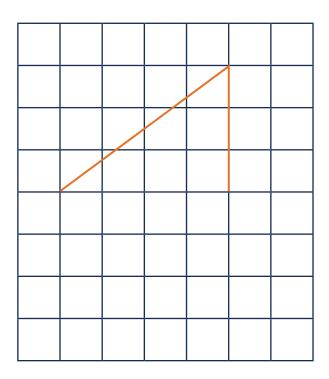




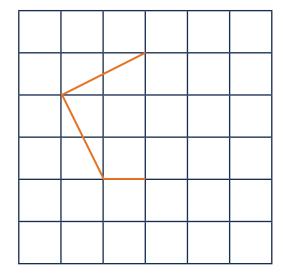
Question 4

Draw a mirror line and complete the shapes to make:

a a triangle

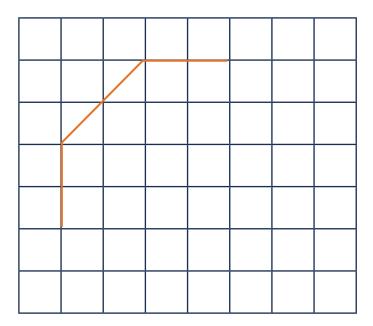


b a pentagon

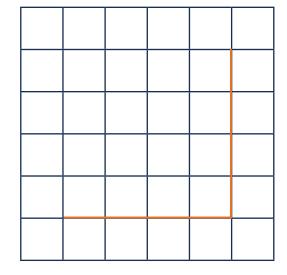




c a hexagon



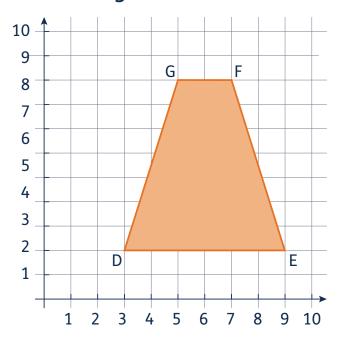
d a square





Question 5

Here is a trapezium on a grid. It is called DEFG.



Can you find the coordinates of the shape?

What are the coordinates of:

the far top right of the grid?

the top of the y-axis?



the far right-hand end of the x-axis?



Question 6

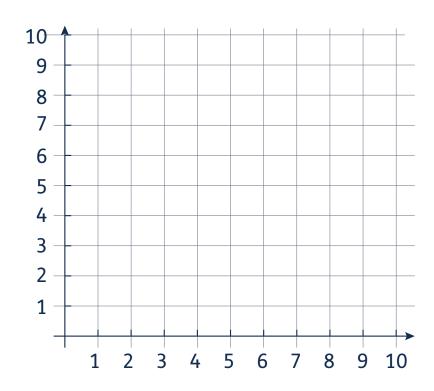
a Can you draw the following points on the grid below?

P (3,2)

Q (3,8)

R (5,8)

S (5,2)



b Join the points together. What shape have you drawn?

c What are the coordinates of a point halfway between:

P and Q? (

Q and R? (,)

P and S? (,)



- d Draw a square on the same grid that is 2 squares by 2 squares. Label its vertices EFGH.
- e What are the coordinates of your square?

E: (,)

F: (١
1. (,	,

G: (,	,

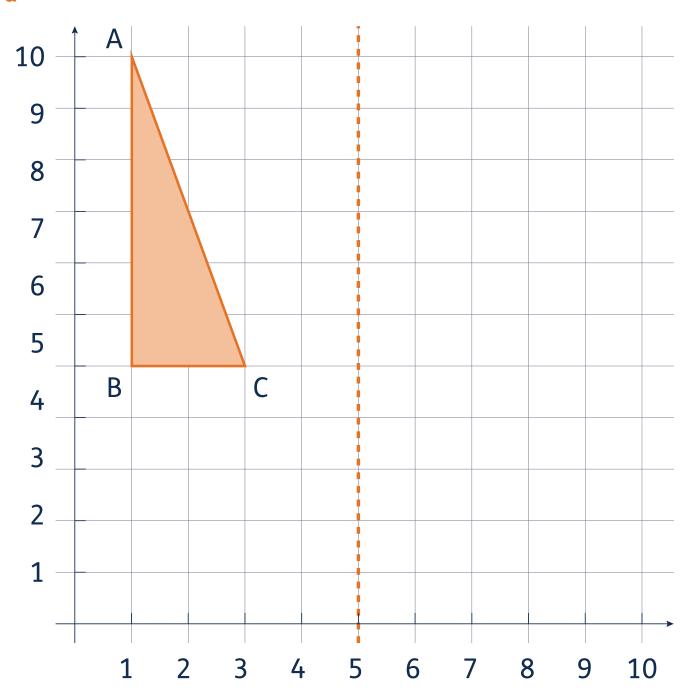
H: (,)



Question 7

Work out the new coordinates when these shapes are reflected in the mirror line. Draw the new shape and write the new coordinates.

a





b

