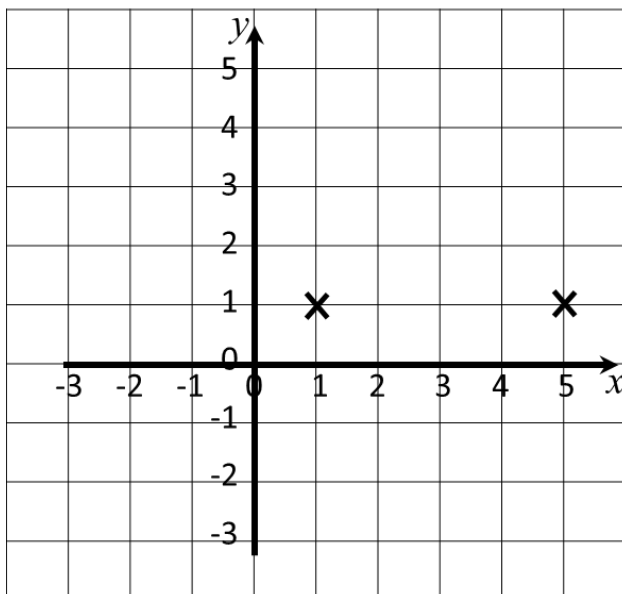# Making shapes – missing co-ordinates

Name _____

1. Make a **right angled triangle**
   - Add a new point
   - Draw the triangle
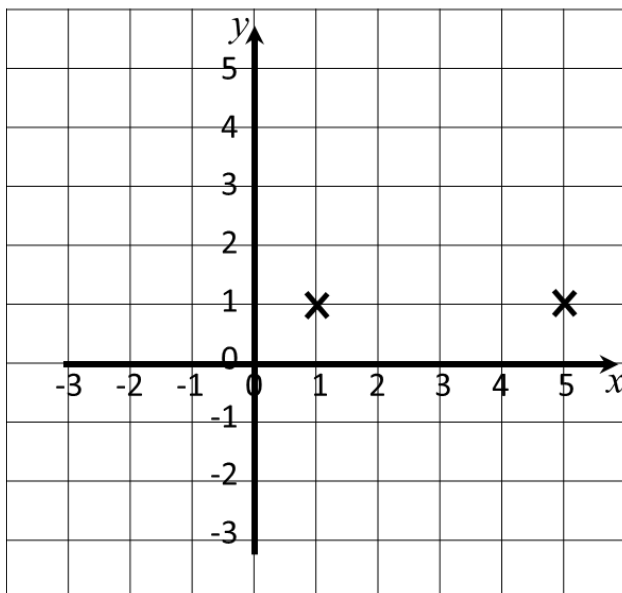   - Write the coordinates of the new point below

   (_____ , _____)

2. Make an **isosceles triangle**
   - Add a new point
   - Draw the triangle
   - Write the coordinates of the new point below

   (_____ , _____)

3. Make a **scalene triangle**
   - Add a new point
   - Draw the triangle
   - Write the coordinates of the new point below

   (_____ , _____)

4. Make an **isosceles triangle**

- Add a new point
- Draw the triangle
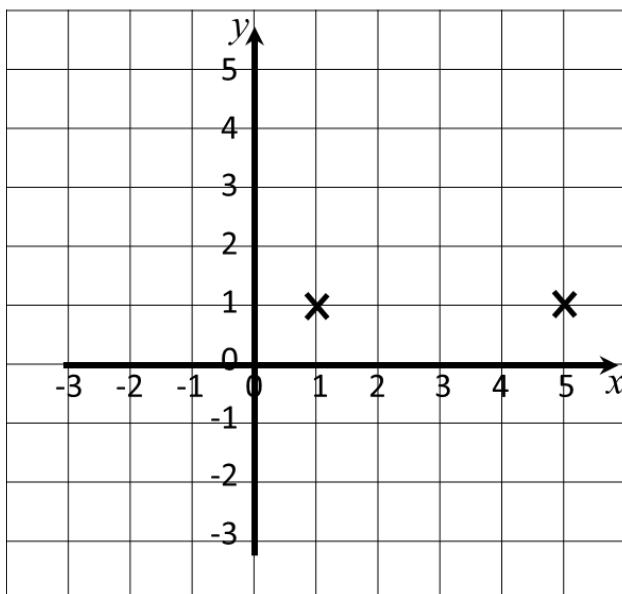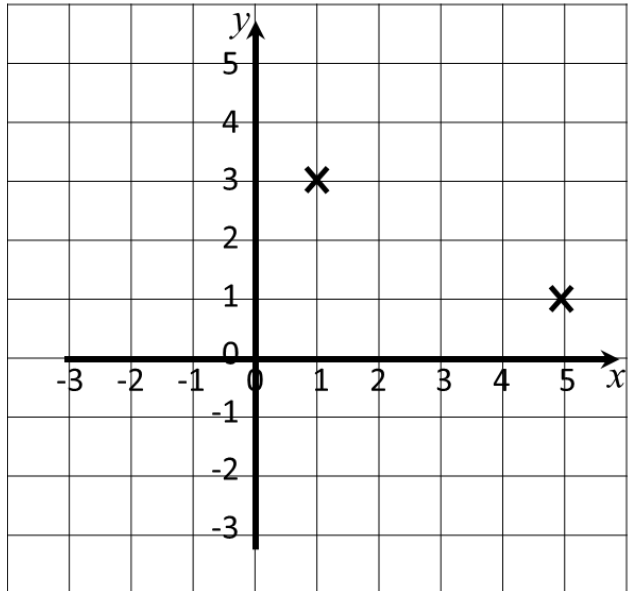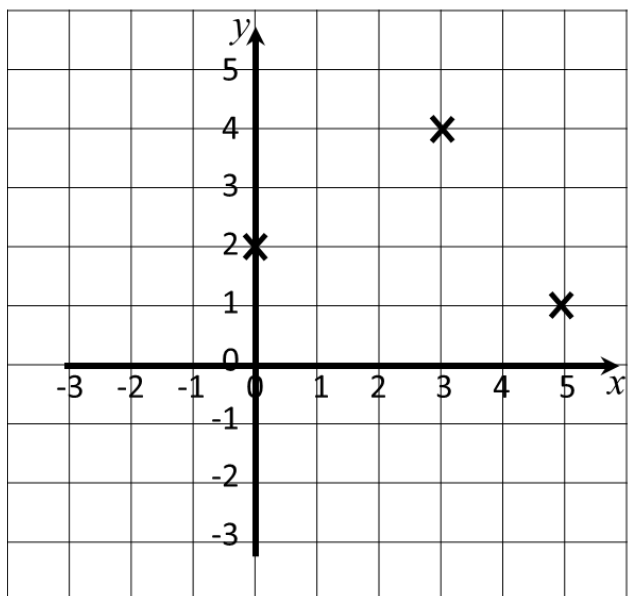- Write the coordinates of the new point below

(_____ , _____)

5. Make a **square**

- Add a new point
- Draw the square
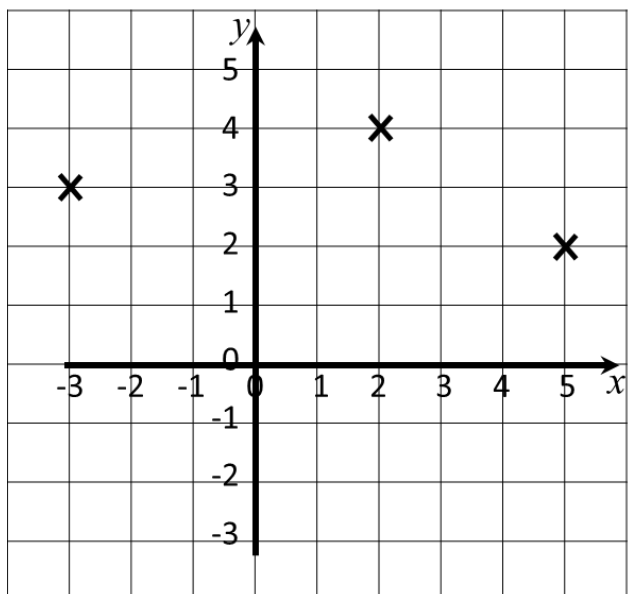- Write the coordinates of the new point below

(_____ , _____)

6. Make a **parallelogram**

- Add a new point
- Draw the parallelogram
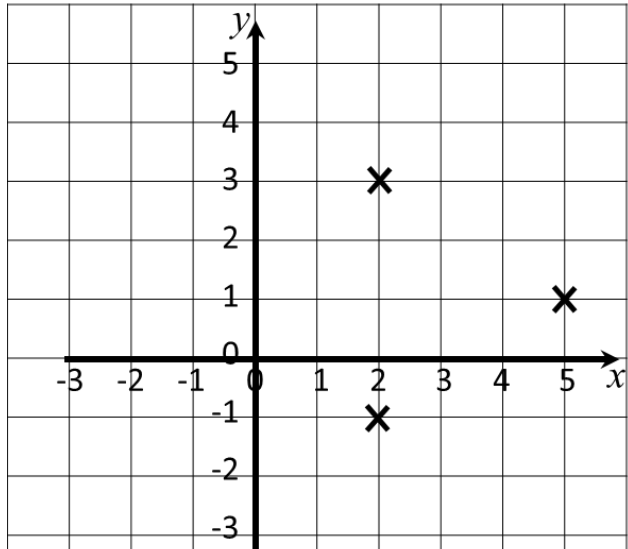- Write the coordinates of the new point below

(_____ , _____)

7. Make a **rhombus**
- Add a new point
- Draw the rhombus
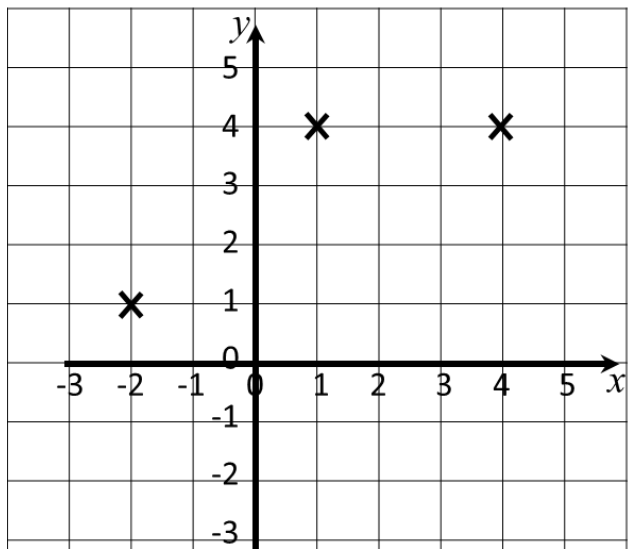- Write the coordinates of the new point below

(_____ , _____)

8. Make a **trapezium**
- Add a new point
- Draw the trapezium
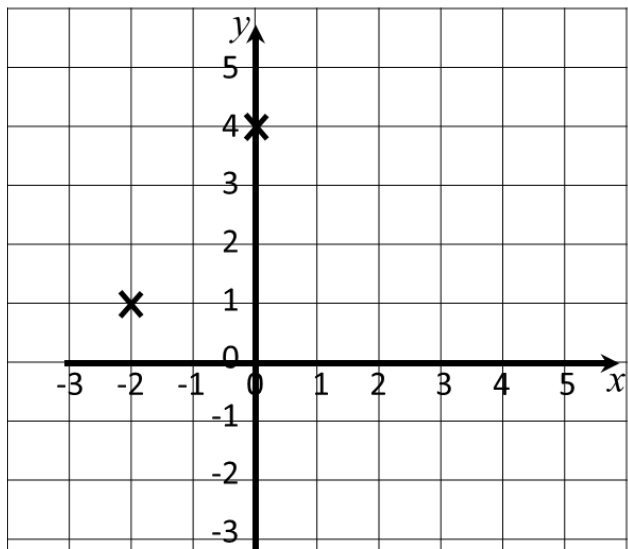- Write the coordinates of the new point below

(_____ , _____)

9. Make a **right angled triangle** that is NOT isosceles
- Add a new point
- Draw the triangle
- Write the coordinates of the new point below

(_____ , _____)

Compare your answers with a partner. Are they all the same?

Which ones must be the same?

1. Which shapes are isosceles triangles? _____, _____ and _____

2. Which shape is a parallelogram? _____

3. Which shapes are right-angled triangles? _____ and _____

4. Which shapes are rhombuses? _____ and _____

5. Which two pairs of shapes are congruent? _____ and _____

_____ and _____

6. Which shape is congruent to K? _____

A

B

C

D

E

F

G

H

I

J

K