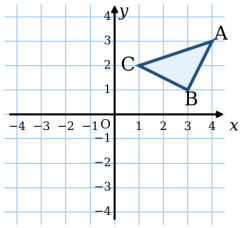
Day 278	B Tier 10-a-day
1 How many lines of symmetry does an isosceles trapezium have?	
2 Simplify $7x - 4y - 5x - 6y$	
3 A bag has 24 counters. $\frac{1}{3}$ of the counters are red. How many are not red?	
4 The scale of a map is 1 : 10,000. Two towns are 30 cm apart on the map. Work out the real distance between the towns. Give your answer in kilometres.	
5 M is the midpoint of AB. A is the point (9, 6) and M is the point (1, 5). Find the coordinates of B.	

Day 278 **B Tier 10-a-day**

6 The diagram shows triangle ABC on a grid.
(a) Write down the coordinates of the image of B after a reflection in the x-axis.
(b) Write down the coordinates of the image of A after a reflection in the line x = 1.



7 A straight line has gradient 3 and passes through the point (4, 5).
Find the equation of the line.

8 Write the ratio 5.6 m : 720 cm in its simplest form.

9 A paddling pool is $\frac{1}{3}$ full.
110 litres of water are added.
The paddling pool is now $\frac{2}{3}$ full.
Work out the capacity of the paddling pool.

10 £1 = 1.2 euros
A holiday costs €96.
Work out the cost in pounds.