



Maths
Junior Certificate
Ordinary Level

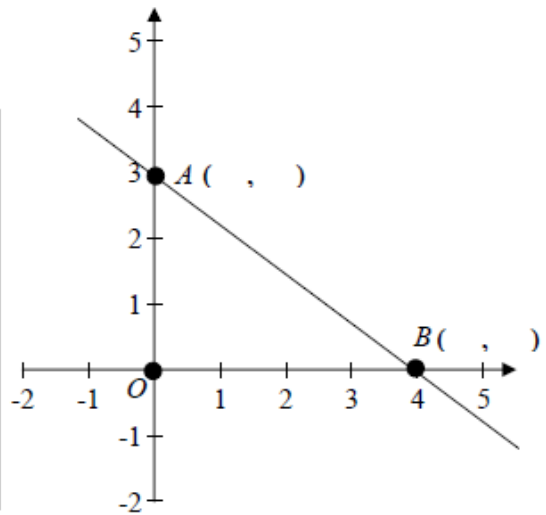
Past Exam Questions on
PM Co-ordinate Geometry

Q15 2012 Paper 2 Section 1 Sample Paper

Question 15

(Suggested maximum time: 5 minutes)

- (a) Write down the coordinates of the point A and the point B on the diagram.
- (b) Use the distance formula to find $|AB|$

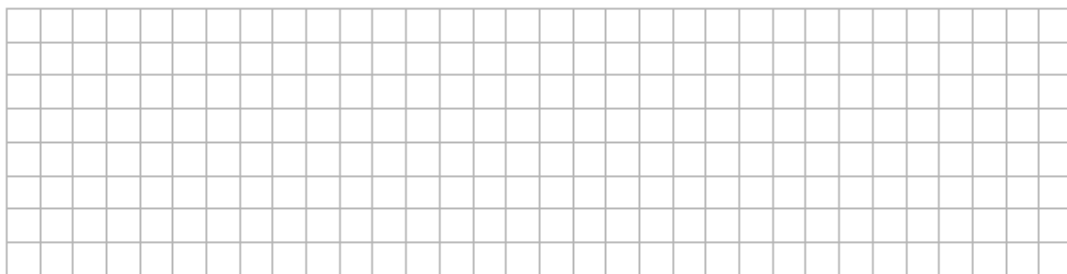


- (c) Write down the distance from O to A and the distance from O to B .

$|OA| =$

$|OB| =$

- (d) Use the theorem of Pythagoras to find the length of the hypotenuse of the triangle OAB .



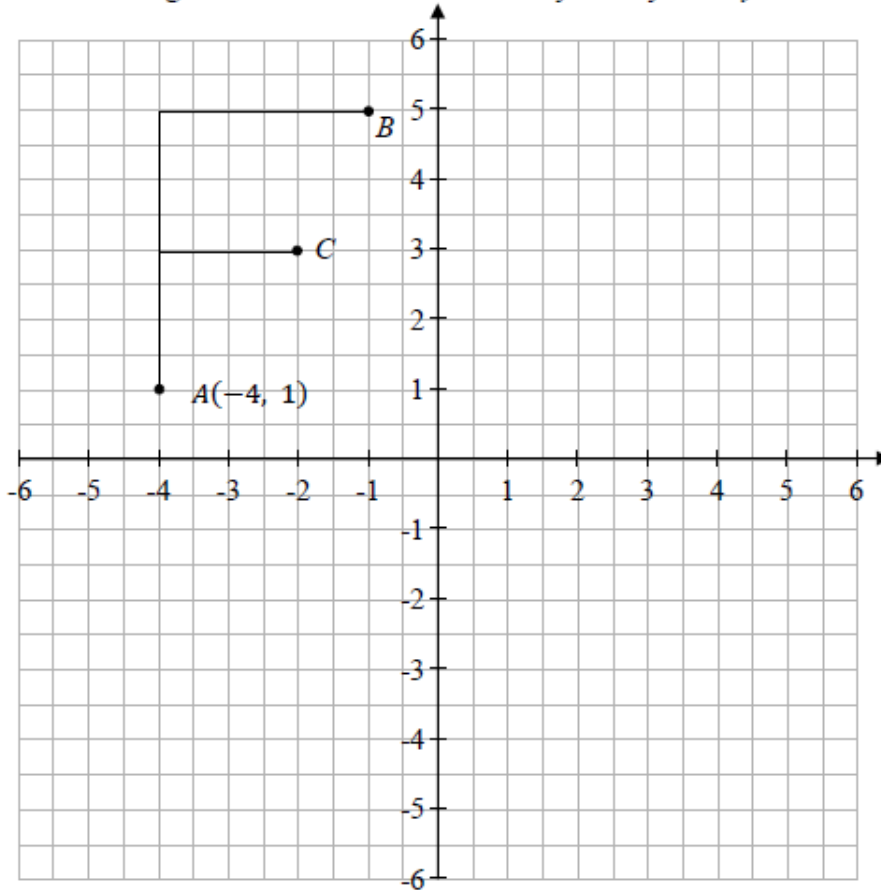
Q10 2012 Paper 2

Question 10

(suggested maximum time: 5 minutes)

The diagram below shows the letter F on the co-ordinate plane.

- (a) Draw in the image of the letter F under an axial symmetry in the y -axis.



- (b) Write down the coordinates of the points B and C .

B (,) C (,)

- (c) A , B and C are mapped onto A' , B' and C' under the transformation above. Write down the co-ordinates of A' , B' and C' .

A' (,) B' (,) C' (,)

