



EXAM PAPERS PRACTICE

Helping you Achieve Highest Grades in GCSE

GCSE AQA Maths (8300) Foundation Tier Question Paper

Fully inlined with first assessment 2026 and suitable for
students sitting exams 2026+

Topic - Algebra

Coordinates and linear graphs - Foundation

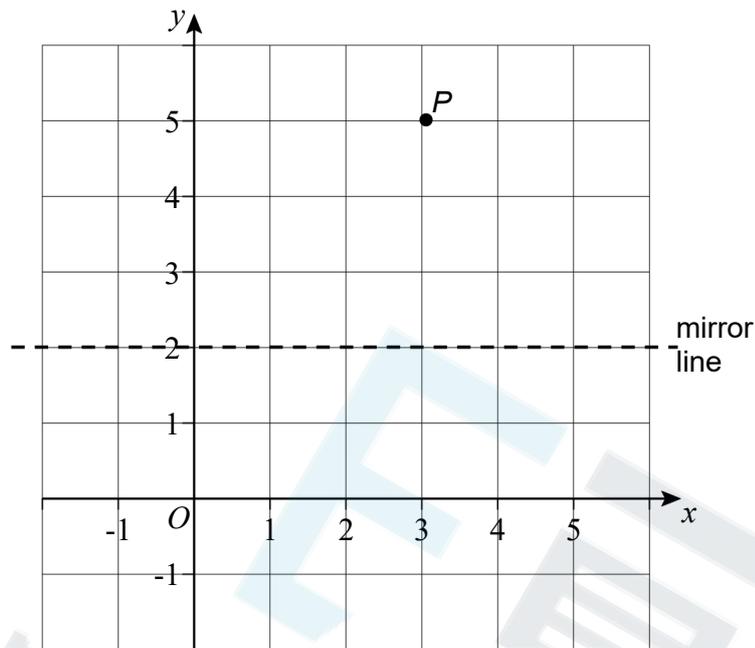
Marks: 20

Total Marks: / 20

Topic Test 1 (20 minutes)

Coordinates and linear graphs - Foundation

1



Point P is reflected in the mirror line.

1(a) Circle the equation of the mirror line.

[1 mark]

$y = x + 2$

$x + y = 2$

$x = 2$

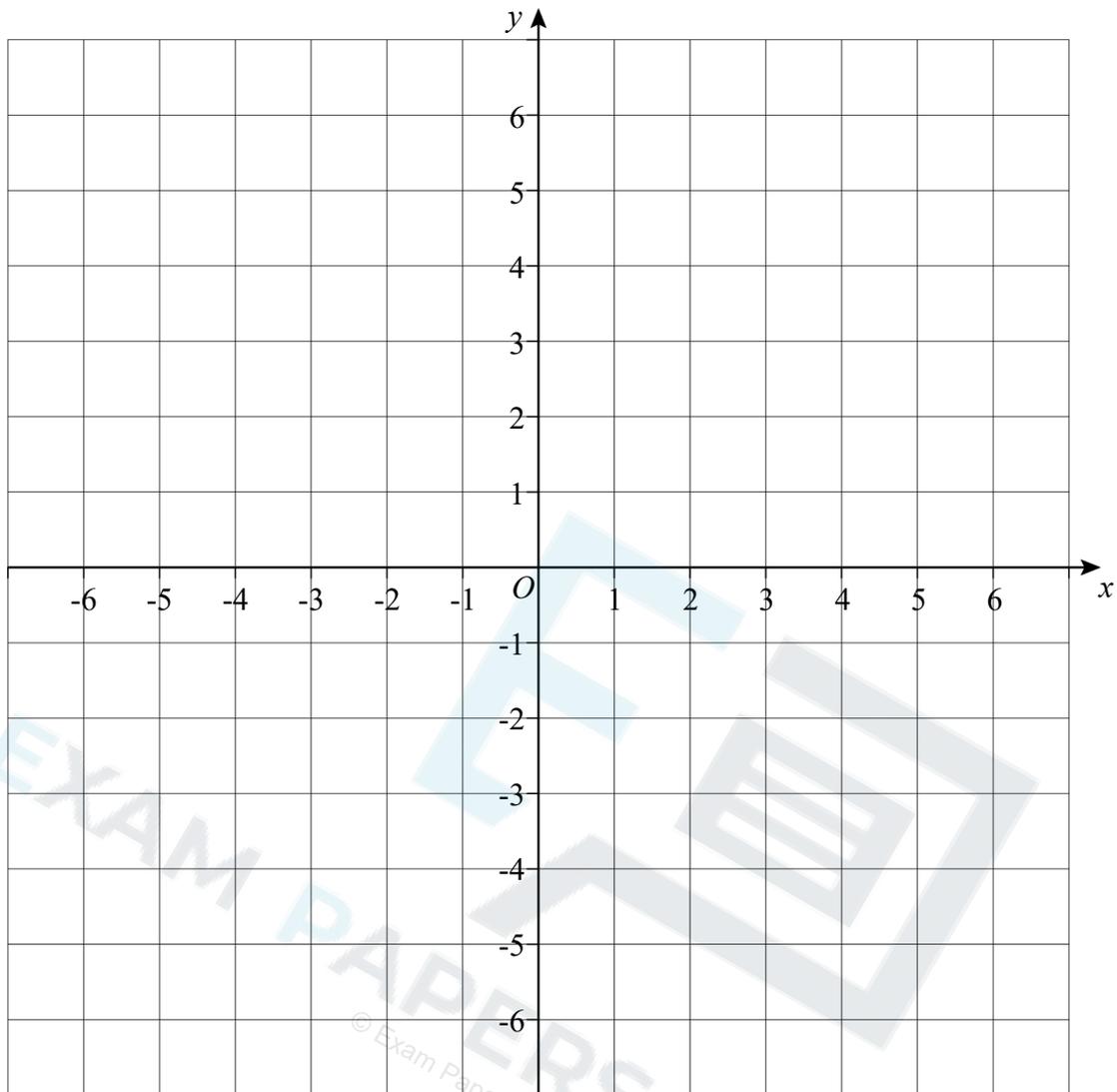
$y = 2$

1(b) Work out the coordinates of the reflection of point P .

[1 mark]

Answer (_____ , _____)

2



2(a) Plot the points $A(-3, 2)$ and $B(1, -2)$ on the grid.

[2 marks]

2(b) Point C has
 the same x-coordinate as A
 three times the y-coordinate of

Plot C on the grid.

[2 marks]

2(c) Circle the **two** answers that describe triangle ABC.

[2 marks]

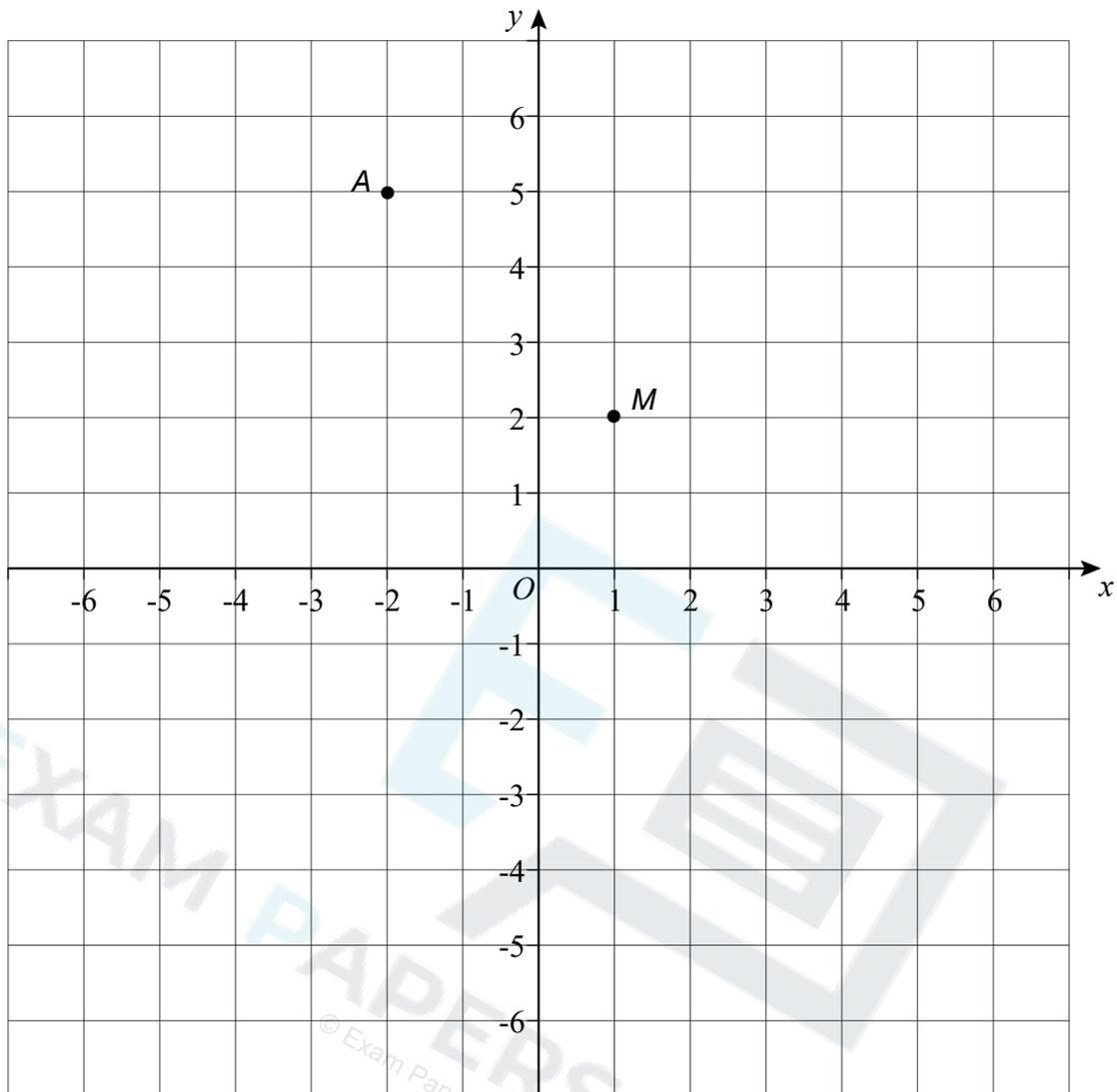
equilateral

isosceles

scalene

right-angled

3



3(a) M is the midpoint of the line AB .

Work out the coordinates of B .

[2 marks]

Answer (_____ , _____)

3(b) Write down the coordinates of two other points on the line AB with midpoint M .

[2 marks]

Answer (_____ , _____) and (_____ , _____)

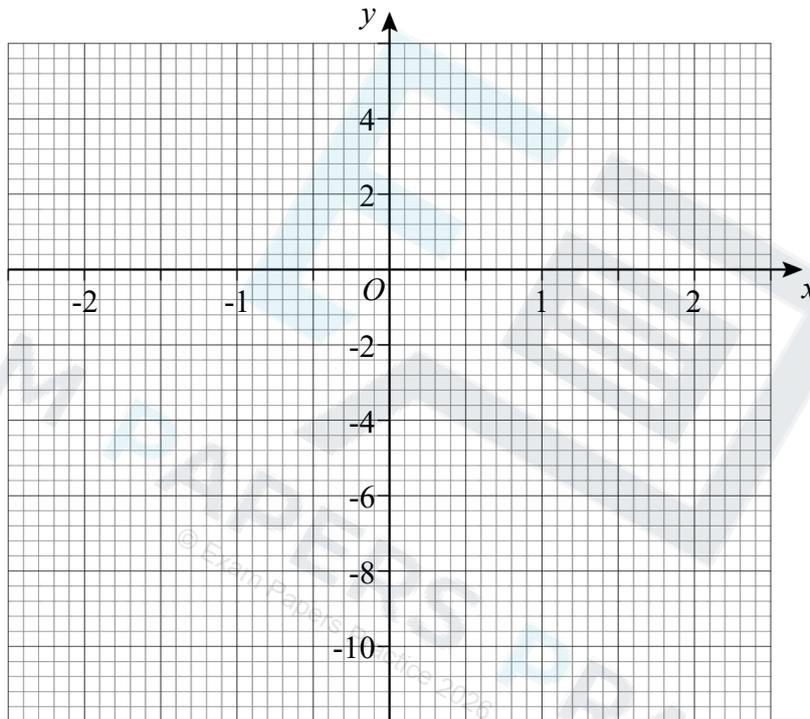
4(a) Complete the table for $y = 3x - 2$

[2 marks]

x	-2	-1	0	1	2
y	-8		-2		4

4(b) On the grid draw the graph of $y = 3x - 2$ for values of x from -2 to 2

[2 marks]

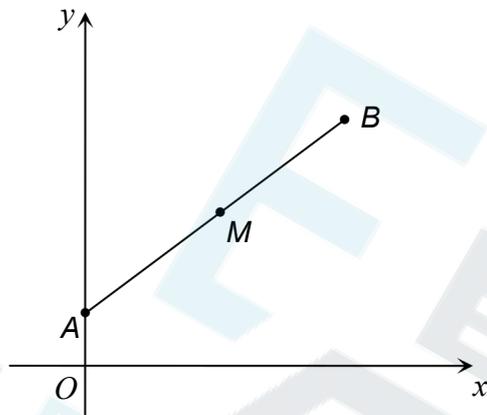


5 Work out the coordinates of **two** points that lie on the line $y = 12 - 5x$

[2 marks]

Answer (,) and (,)

6 A is (0, 4) and B is (10, 9)



Not drawn accurately

Work out the coordinates of the midpoint, M , of the line AB .

[2 marks]

Answer (,)