

GCSE Mathematics

F

Coordinates & Midpoints Practice

Foundation, Grade 2-4

Total Marks	Time	Questions
44	44 min	20

Instructions:

- Do not use a calculator when you see: 
- Answer all questions in the spaces provided.
- Show all your working - marks are awarded for method as well as final answers.
- Cross through any work you do not want to be marked.
- Check your answers if you have time at the end.

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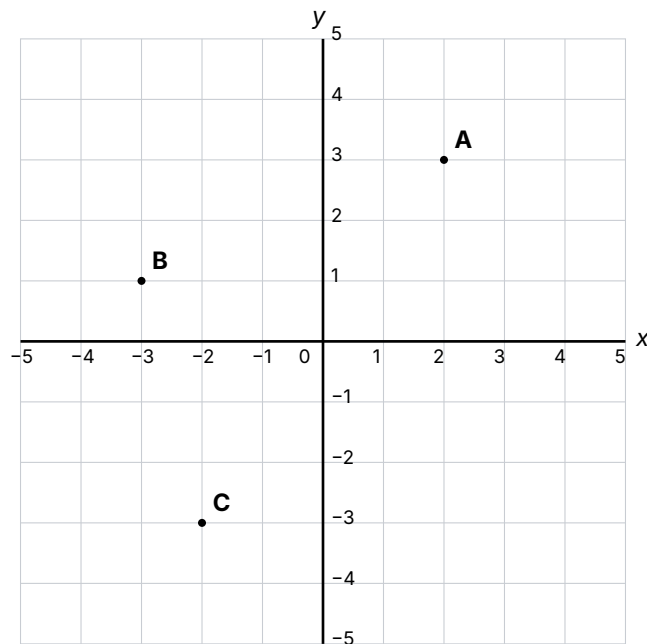
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Edexcel-style questions**Q1** 

Grade 2

Edexcel style

Write down the coordinates of points A, B and C.



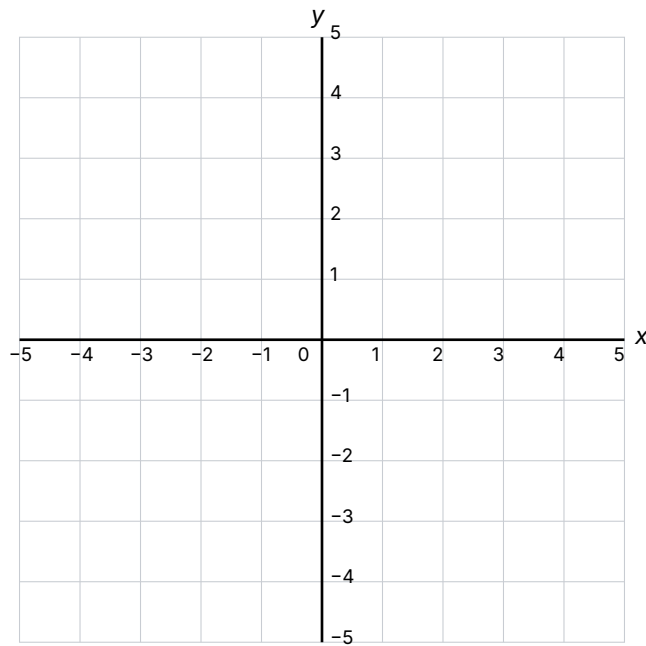
Answer _____

Q2

Grade 3

Edexcel style

On the grid, plot the points $P(3, -2)$ and $Q(-4, 1)$.



Answer _____

teachably

[2 marks]

Q3

Grade 3

Edexcel style

Find the coordinates of the midpoint of $A(2, 3)$ and $B(8, 7)$.

Answer _____

teachably

[2 marks]

Q4

Grade 4

Edexcel style

Find the distance between A(1, 2) and B(4, 6).

Answer

teachably

[2 marks]**Q5** 

Grade 4

Edexcel style

M(4, 5) is the midpoint of A(2, 3) and B. Find the coordinates of B.

Answer

teachably

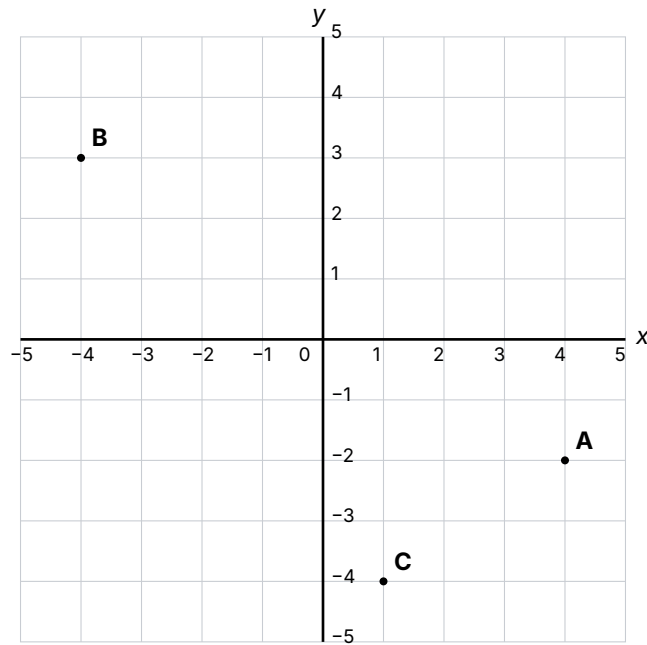
[2 marks]

AQA-style questions**Q6** 

Grade 2

AQA style

Write down the coordinates of points A, B and C.



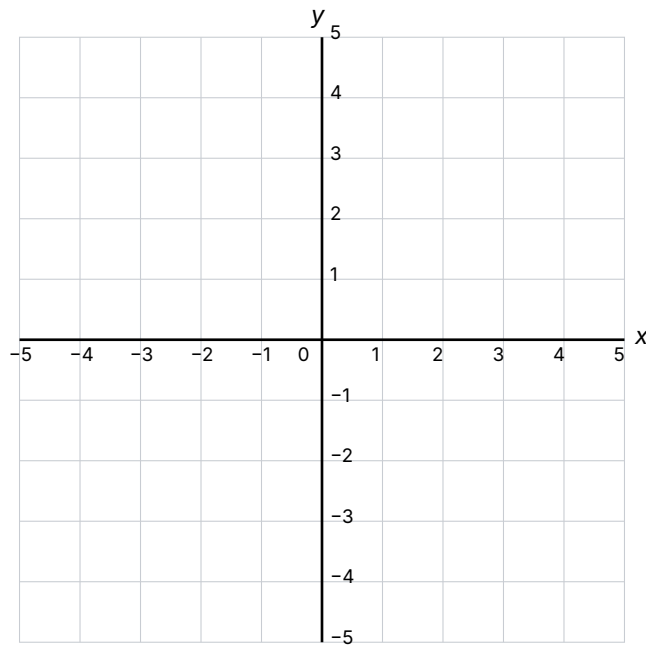
Answer _____

Q7

Grade 3

AQA style

On the grid, plot the points $P(-3, 4)$ and $Q(2, -3)$.



Answer _____

teachably

[2 marks]

Q8

Grade 3

AQA style

Find the coordinates of the midpoint of $A(-4, 6)$ and $B(2, -2)$.

Answer _____

teachably

[2 marks]

Q9

Grade 4

AQA style

Find the distance between A(-2, 1) and B(3, 13).

Answer

teachably

[2 marks]**Q10** 

Grade 4

AQA style

M(-1, 2) is the midpoint of A(-5, -3) and B. Find the coordinates of B.

Answer

teachably

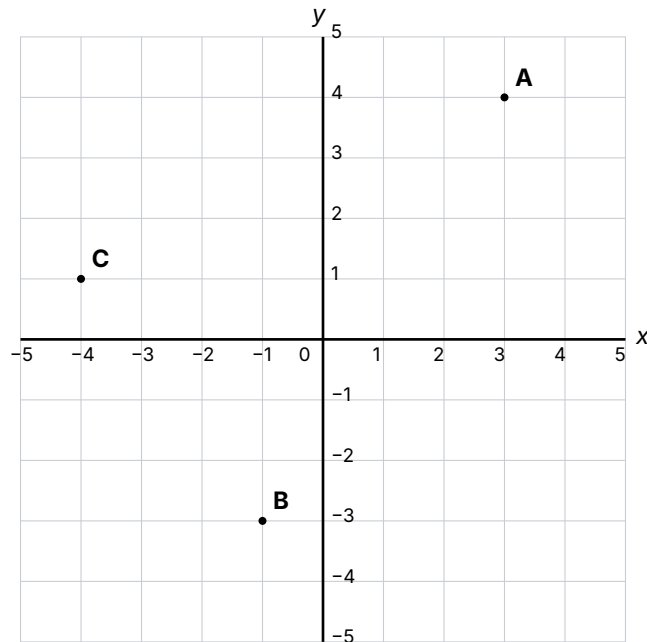
[2 marks]

OCR-style questions**Q11** 

Grade 2

OCR style

Write down the coordinates of points A, B and C.



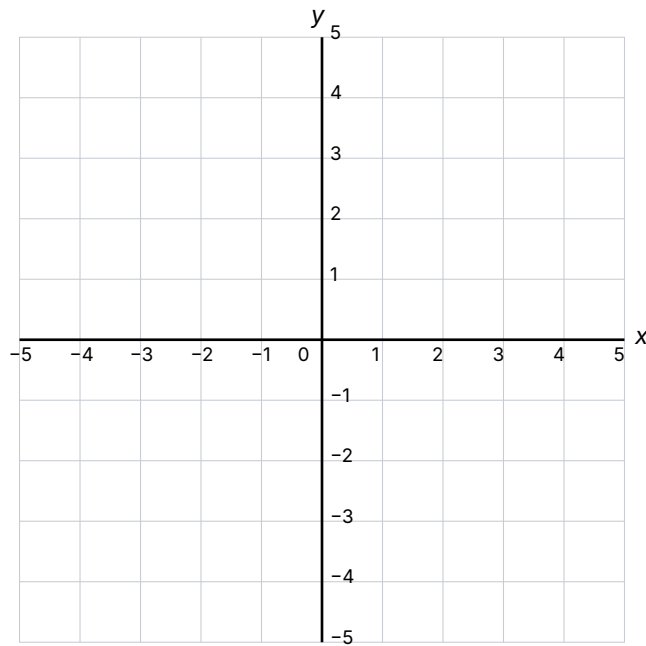
Answer _____

Q12

Grade 3

OCR style

On the grid, plot the points $P(4, 3)$ and $Q(-2, -4)$.



Answer _____

teachably

[2 marks]

Q13

Grade 3

OCR style

Find the coordinates of the midpoint of $A(1, -5)$ and $B(7, 3)$.

Answer _____

teachably

[2 marks]

Q14

Grade 4

OCR style

Find the distance between $A(0, 0)$ and $B(6, 8)$.

Answer

teachably

[2 marks]**Q15**

Grade 4

OCR style

$M(3, -2)$ is the midpoint of $A(7, 4)$ and B . Find the coordinates of B .

Answer

teachably

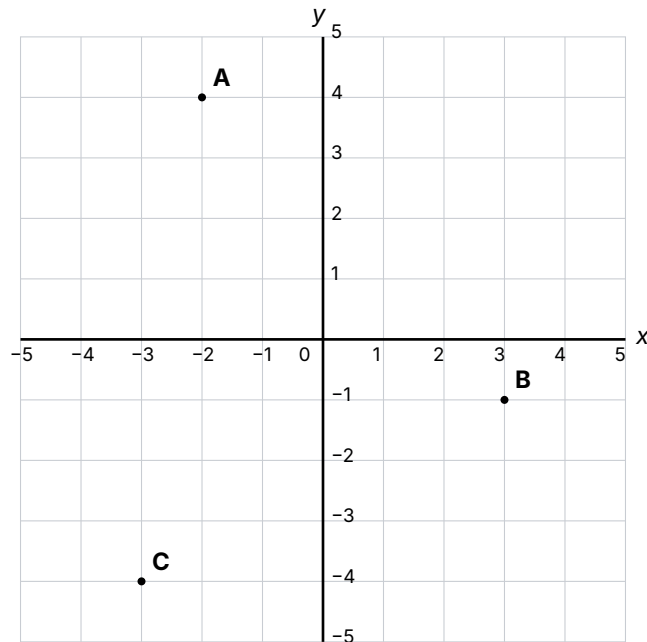
[2 marks]

Teachably-style questions**Q16** 

Grade 2

Teachably style

Write down the coordinates of points A, B and C.



Answer _____

teachably

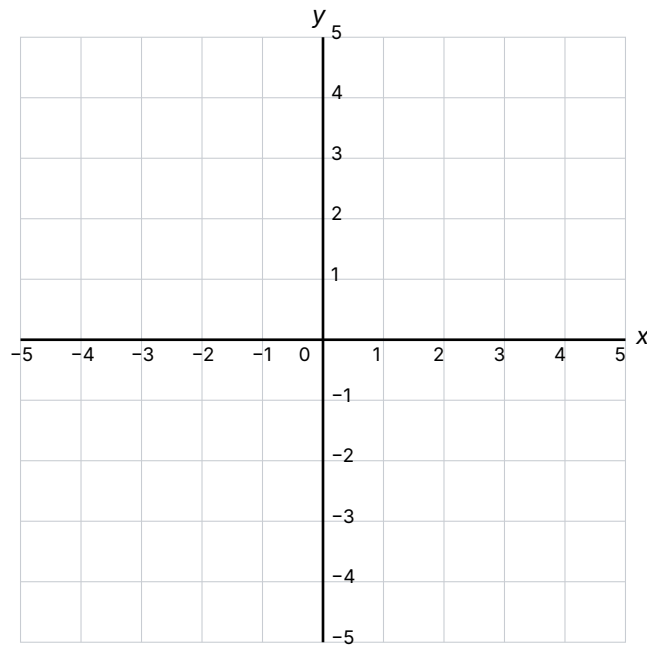
[3 marks]

Q17

Grade 3

Teachably style

On the grid, plot the points $P(-4, -1)$ and $Q(3, 4)$.



Answer _____

teachably

[2 marks]

Q18

Grade 3

Teachably style

Find the coordinates of the midpoint of $A(-6, -3)$ and $B(-2, 9)$.

Answer _____

teachably

[2 marks]

Q19

Grade 4

Teachably style

Find the distance between A(-4, -5) and B(5, 7).

Answer _____

teachably

[2 marks]

Q20

Grade 4

Teachably style

M(0, 1) is the midpoint of A(-4, 5) and B. Find the coordinates of B.

Answer _____

teachably

[2 marks]

END OF PAPER**Want help from an expert maths tutor?**

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