



JP Maths

Revision



Attempt the paper
before watching the
solutions!

[https://www.youtube.com/
@JPMathsRevision](https://www.youtube.com/@JPMathsRevision)



FOUNDATION TIER

Coordinates



INSTRUCTIONS

- Use **black ink** or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.



INFORMATION

- The marks for **each** question are shown in brackets– *use this as a guide as to how much time to spend on each question.*



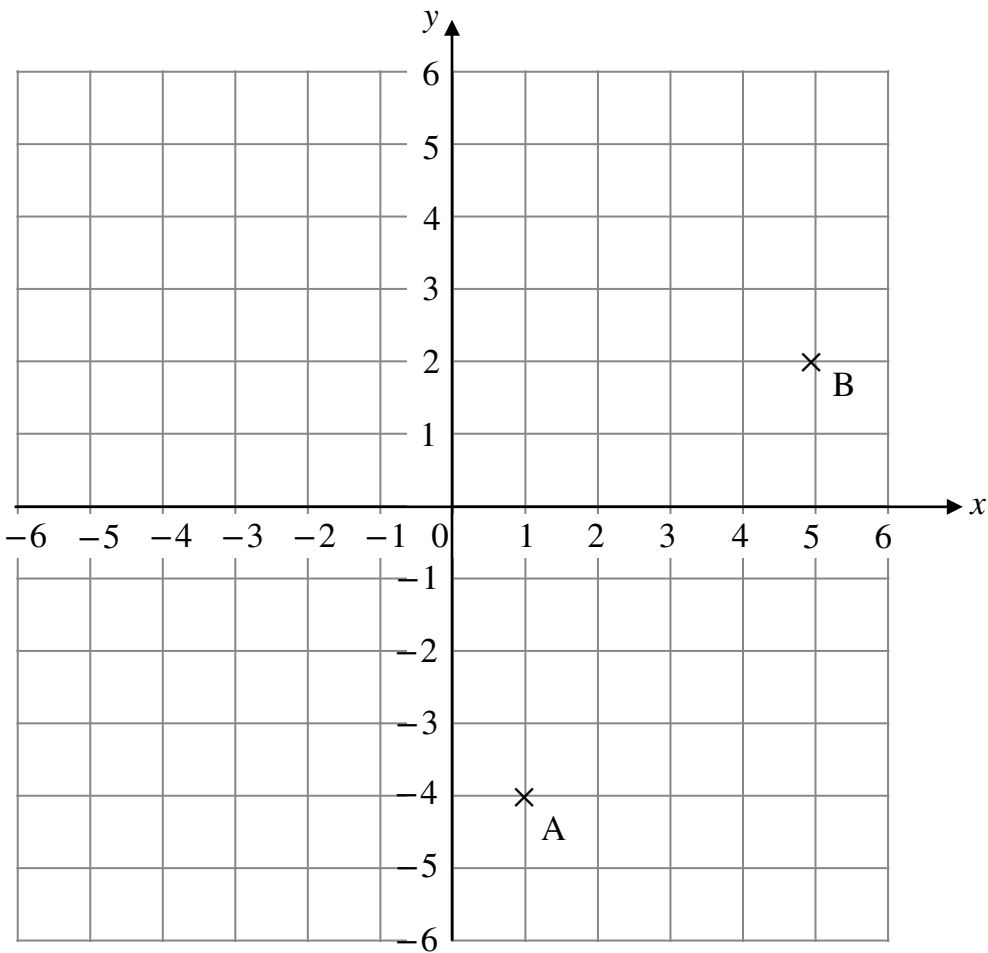
ADVICE

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.



You've got this!

1. The points A and B are shown on the grid.



(a) Write down the coordinates of the point A.

.....
(1)

(b) Write down the coordinates of the midpoint of AB.

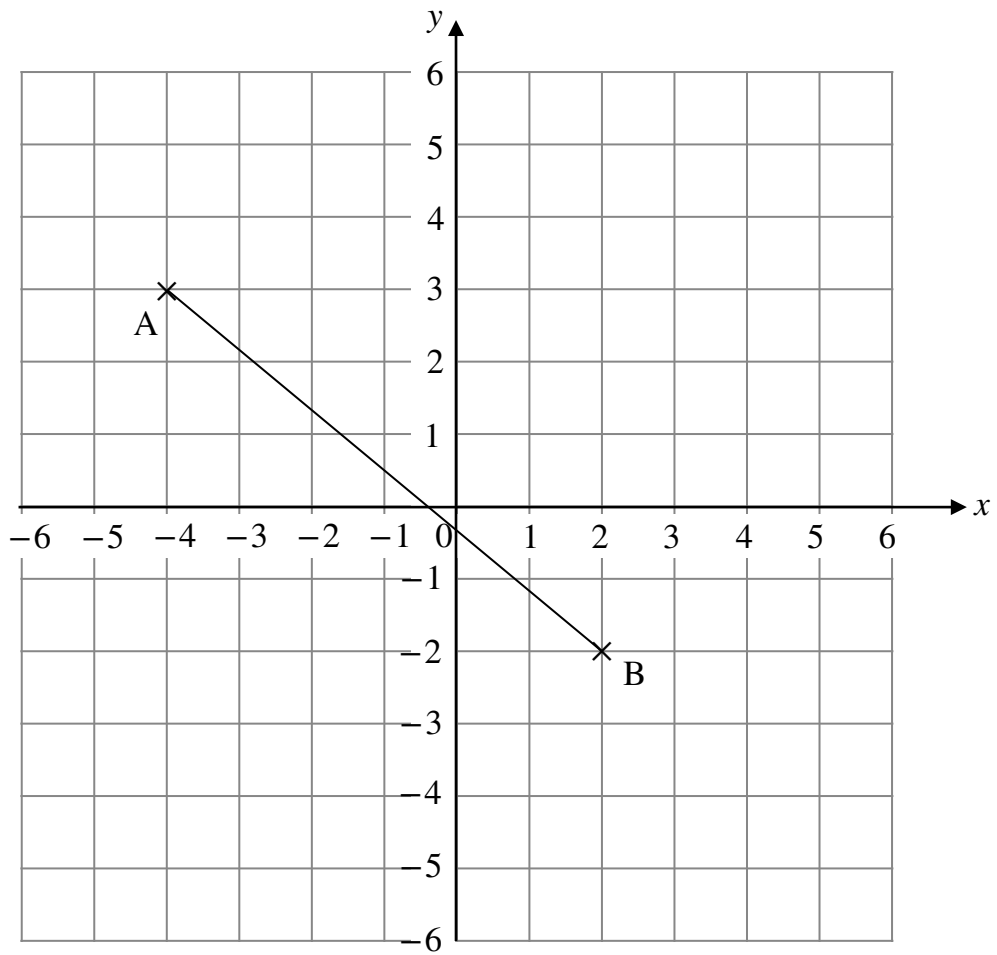
.....
(2)

(c) On the grid, mark with a cross (×) the point with coordinates (-1, 5).
Label this point C.

(1)

(Total for Question 1 is 4 marks)

2.



(a) Write down the coordinates of the point A.

.....

(1)

(b) Write down the coordinates of the midpoint of AB.

.....

(1)

(c) On the grid, mark with a cross (×) the point with coordinates (3, 2).

Label this point C.

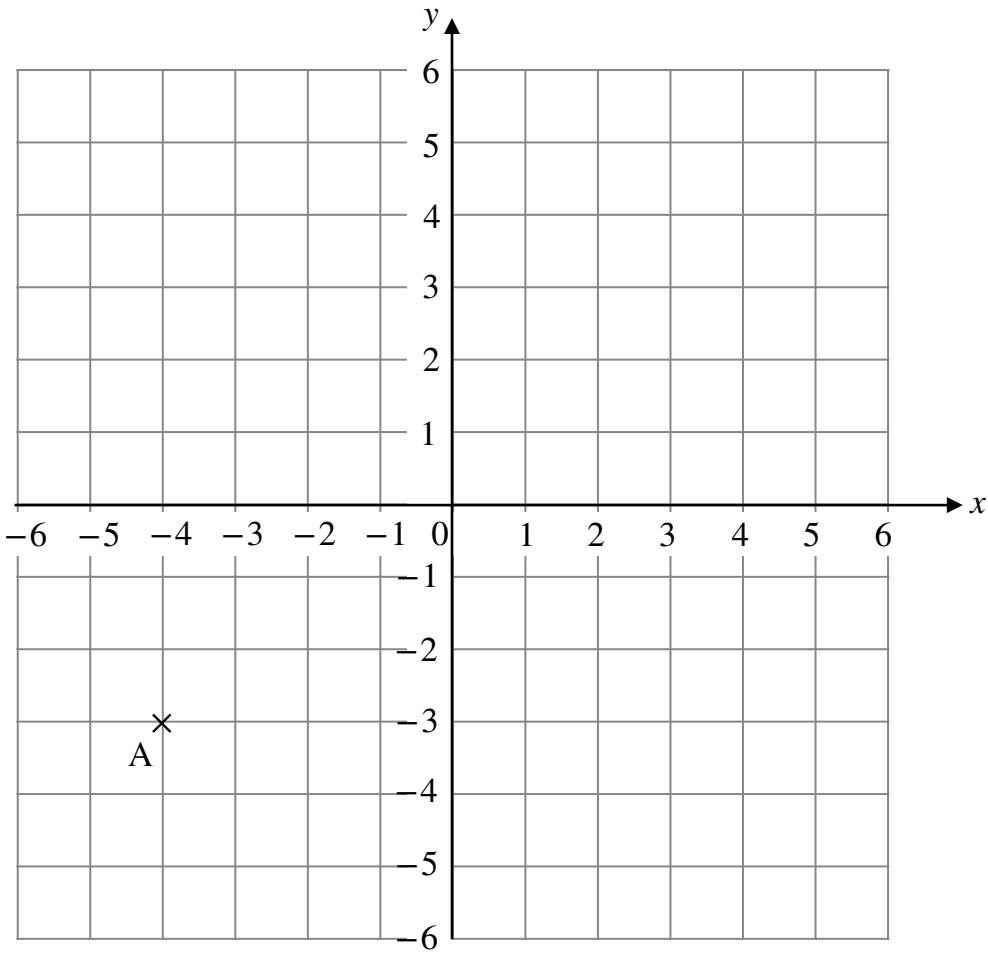
(1)

(d) Draw the line with equation $x = 1$.

(1)

(Total for Question 2 is 4 marks)

3.



(a) Write down the coordinates of the point A.

.....

(1)

(b) On the grid, mark with a cross (x) the point with coordinates (-1, 0).

Label this point B.

(1)

(c) Write down the coordinates of the midpoint of AB.

.....

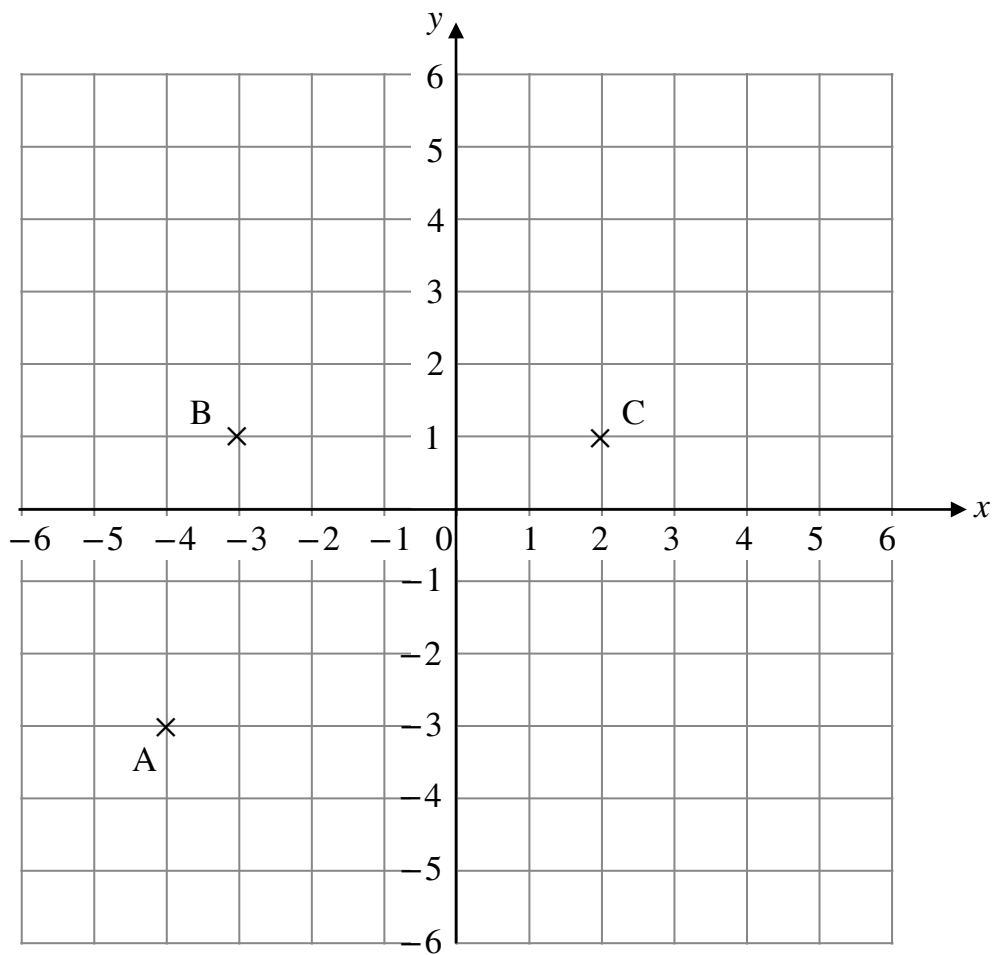
(1)

(d) On the grid, draw a circle with centre (2, 0) and radius 2 cm.

(2)

(Total for Question 3 is 5 marks)

4.



- (a) Draw the line with equation $x = 3$

(1)
- (b) Draw the line with equation $y = -2$

(1)
- (c) On the grid, mark with a cross (×) the point D such that ABCD is a parallelogram.

(1)