

Q1. (2019)

15 A line has the equation $y = x + 3$

(A)

15 (a) Write down the coordinates of the point where the line intersects the y -axis.

[1 mark]

Answer (_____ , _____)

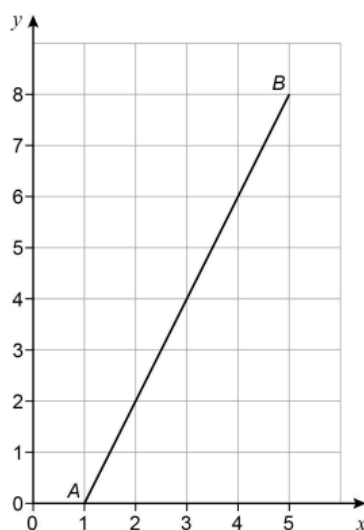
(B)

15 (b) Write down the coordinates of the point where the line intersects the x -axis.

[1 mark]

Answer (_____ , _____)

Q2. (2020)

7 Line AB is shown where A is the point $(1, 0)$ and B is the point $(5, 8)$ 

(A)

7 (a) P is a point on AB .
The distance AP is half the distance AB .
Work out the coordinates of P .

[1 mark]

Answer (_____ , _____)

(B)

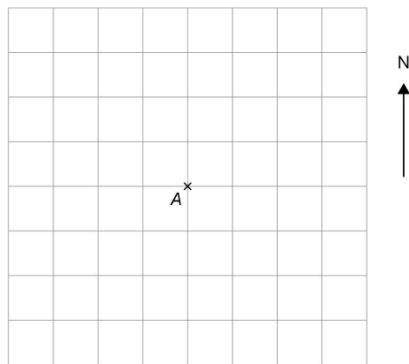
7 (b) A line is drawn from B that is
parallel to the x -axis
meets the y -axis at point Q .
Work out the coordinates of Q .

[1 mark]

Answer (_____ , _____)

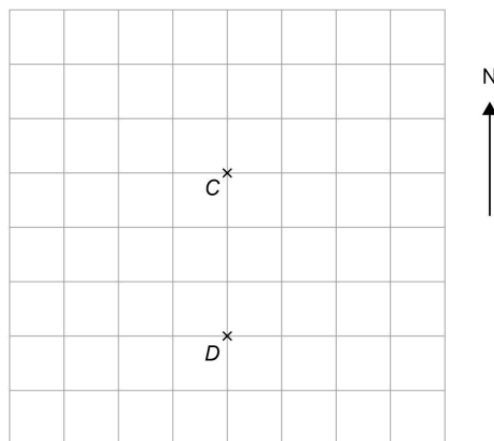
Q3. (2021)

- 20 (a) Point B is 400 metres north east of point A .
Mark point B on the centimetre grid.
Use a scale of 1 centimetre represents 100 metres.



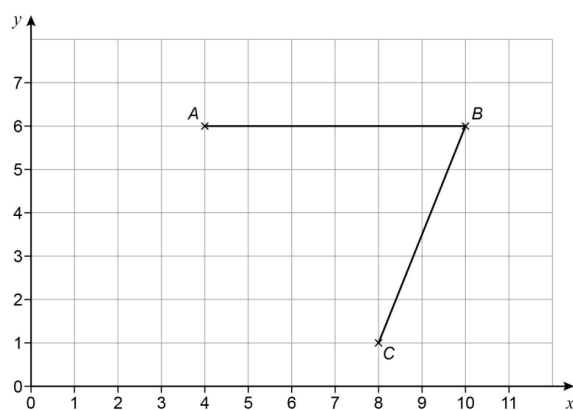
Points C and D are shown on a different centimetre grid.

Scale: 1 : 1000



Q4 (2022)

- 10 Lines AB and BC are shown.



(A)

- 10 (a) Write down the coordinates of C .

[1 mark]

Answer (_____ , _____)

(B)

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

[1 mark]

Answer (_____ , _____)

(C)

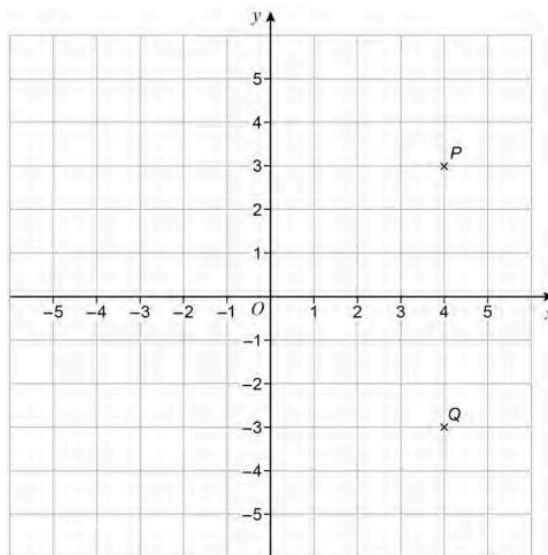
- 10 (c) D is the point on the grid that makes $ABCD$ a parallelogram.
Work out the coordinates of D .

[1 mark]

Answer (_____ , _____)

Q5. (2023)

- 4 Points P and Q are shown on the grid.



(A)

- 4 (a) Write down the coordinates of P .

[1 mark]

Answer (_____ , _____)

(B)

- 4 (b) Angle PQR is a right angle.
Work out possible coordinates for R .

[1 mark]

Answer (_____ , _____)