Q1.   The shaded shape is a **square**.

Not drawn accurately

A   B

(7, 3)   (17, 3)
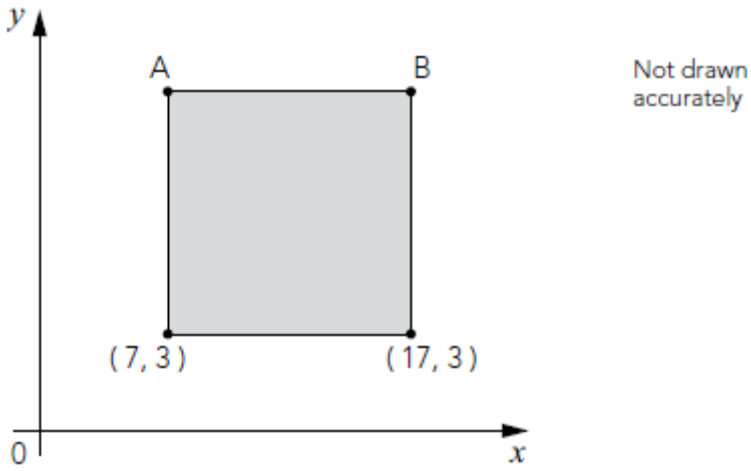
What are the coordinates of A and B?
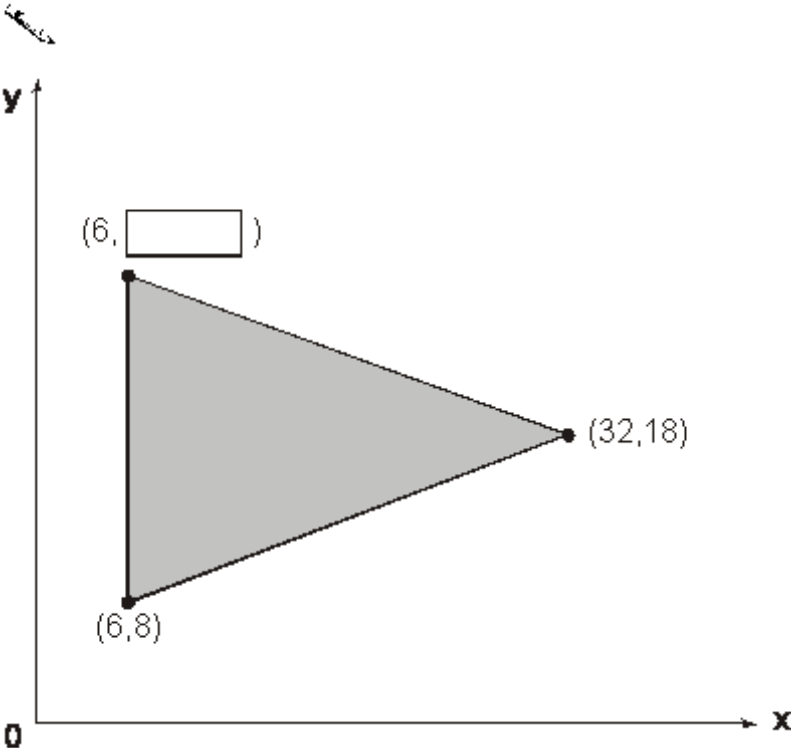
A (.............., ...)   B (.............., ...)

2 marks

Q2.   The shaded shape is an **isosceles** triangle.

Write in the missing co-ordinate.

(6, [   ])

(32,18)

(6,8)

1 mark

Q3.   Here is a graph
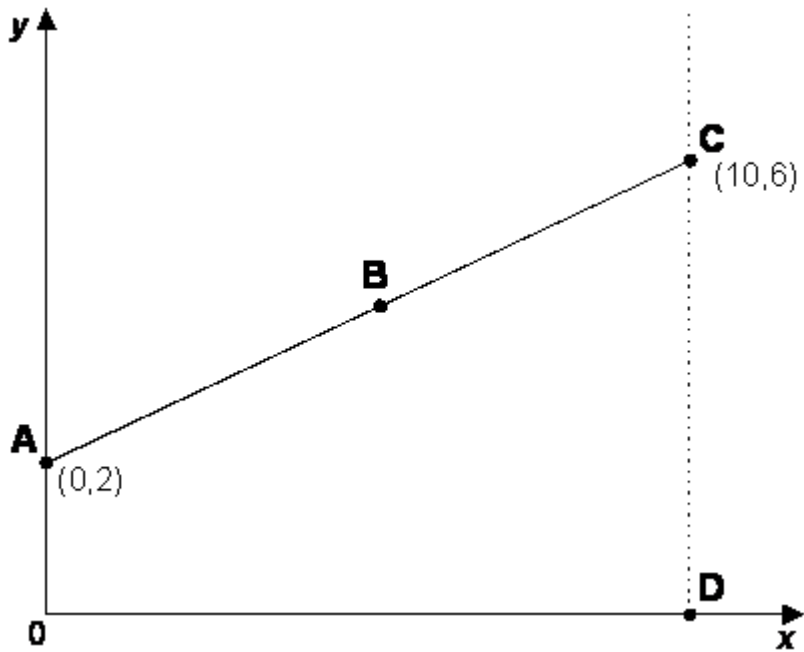
The points **A**, **B** and **C** are **equally spaced**.
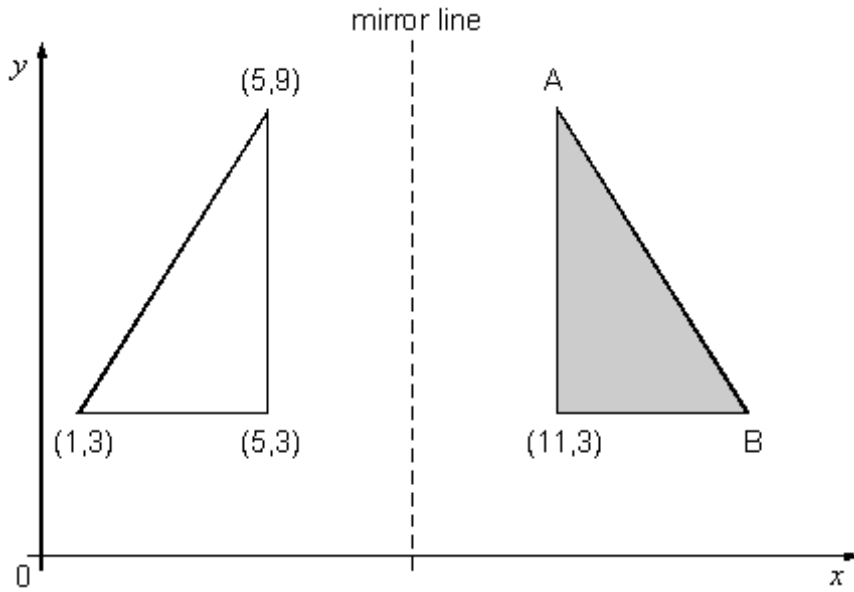
What are the **co-ordinates** of the **point B**?

(,   )

1 mark

Point **D** is directly below point **C**.

What are the **co-ordinates** of the **point D**?

(,   )

1 mark

Q4. The shaded triangle is a reflection of the white triangle in the mirror line.
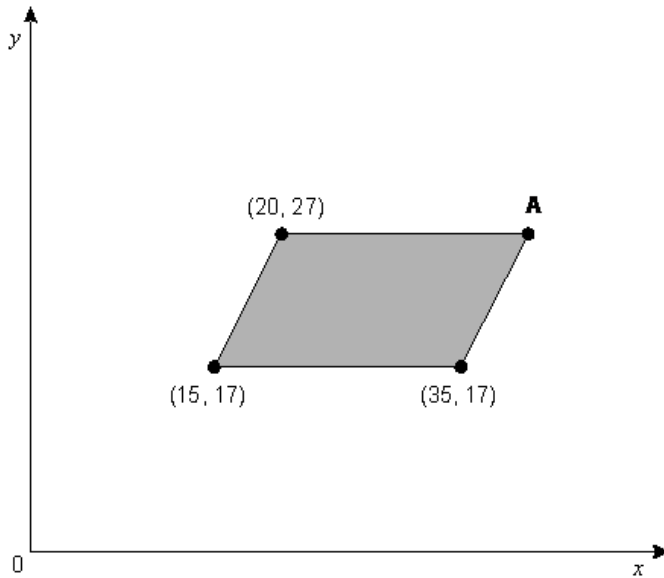
mirror line

Write the **co-ordinates** of point **A** and point **B**.
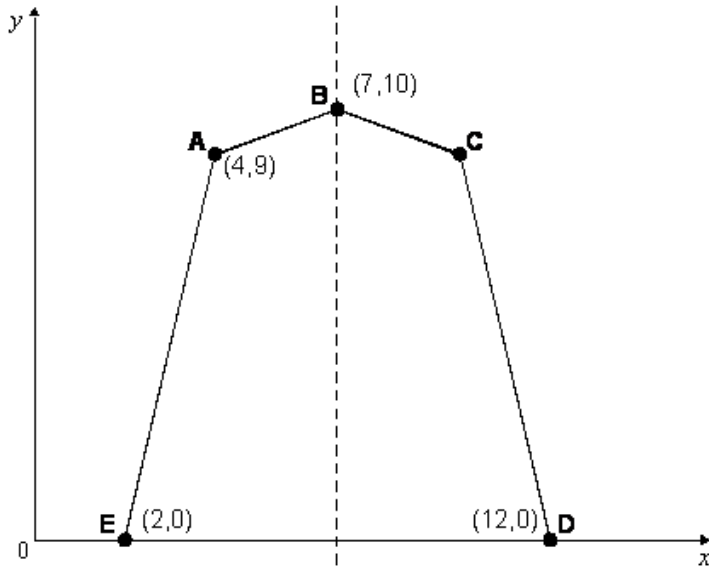
A is (,)   **B** is (,)

2 marks

Q5. The shaded shape is a parallelogram.

Write in the coordinates of point **A**.
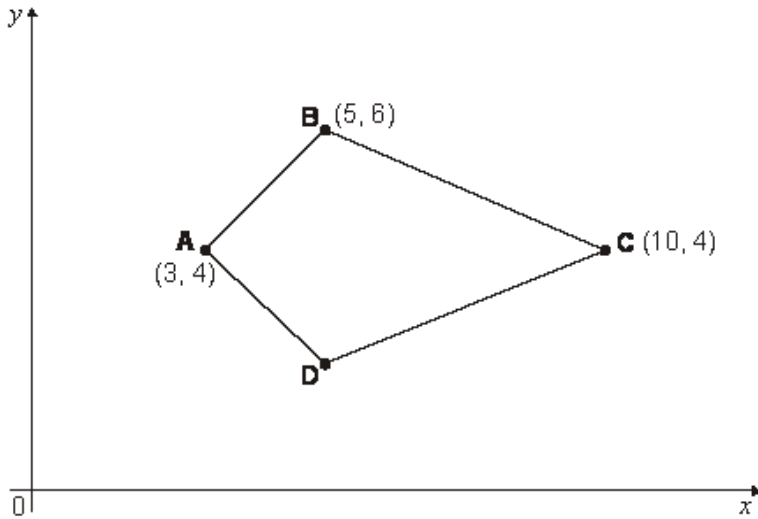
(,)

Q6. Here is a pentagon drawn on a coordinate grid.

The pentagon is symmetrical.

What are the coordinates of point **C**?

(,)

1 mark
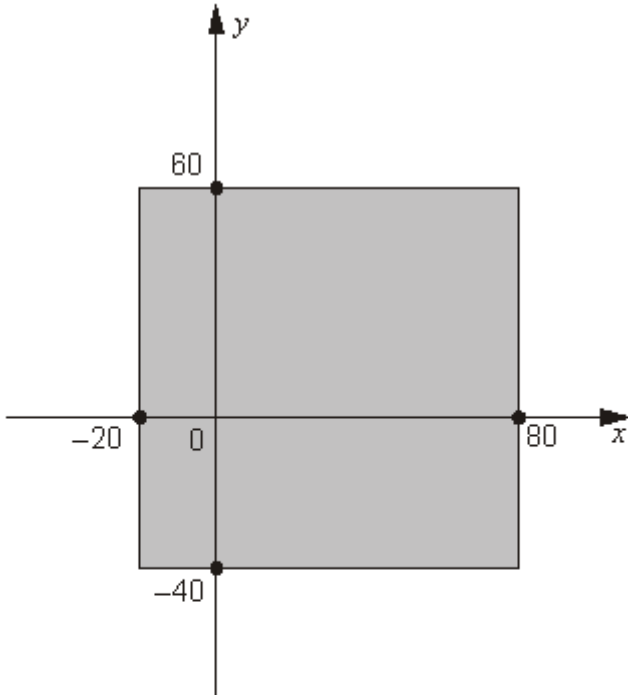
Q7. Here is a kite.

Write the coordinates of point **D**.

(,)

1 mark

Q8. Here is a shaded square on x and y axes.

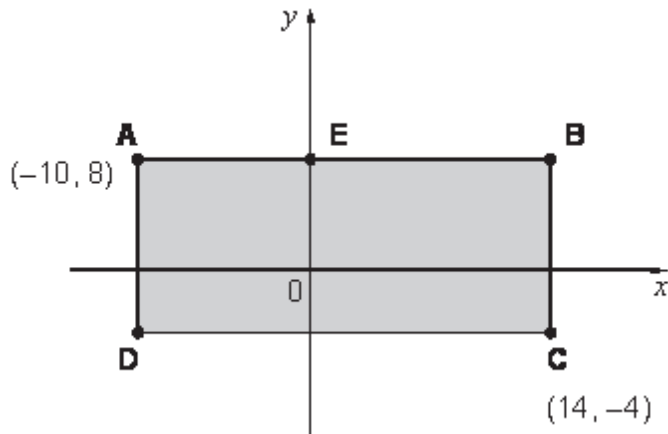For each of these points, put a tick (✔) to show if it is inside the square or outside the square.

	inside the square	outside the square
(50, 70)	☐	☐
(60, − 30)	☐	☐
(−10, 50)	☐	☐
(−30, −30)	☐	☐

2 marks

Q9.   **ABCD** is a rectangle drawn on coordinate axes.

The sides of the rectangle are parallel to the axes.

What are the coordinates of **D** and **E**?

D is (,   )

1 mark

E is (,   )

1 mark

Q10.   Here is a line on coordinate axes.
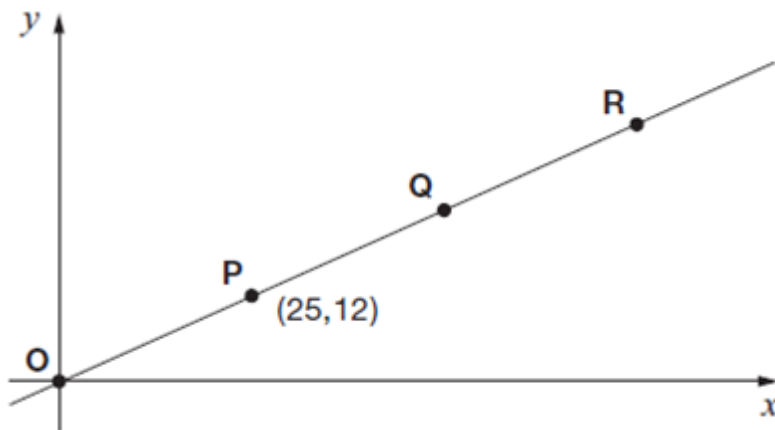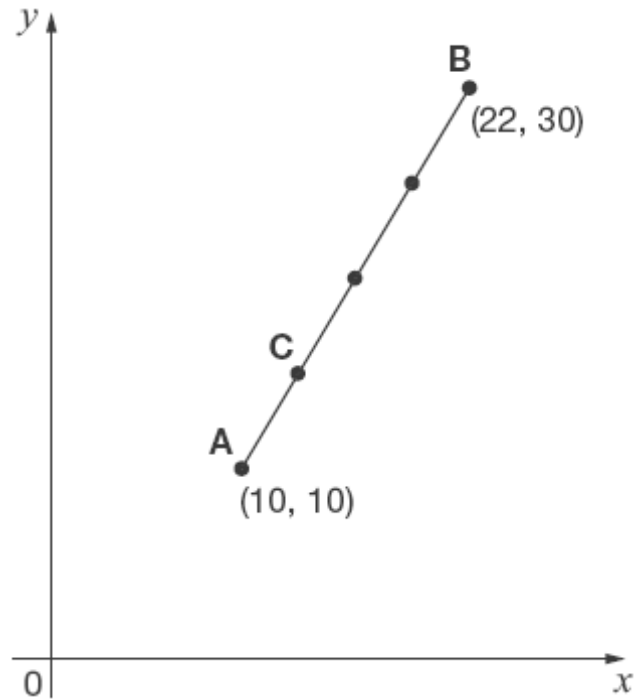

Points **O**, **P**, **Q** and **R** are equally spaced.

The coordinates of **P** are (25,12).

What are the coordinates of **R**?

R = (,   )

Q11.   **A** and **B** are joined by a straight line on coordinate axes.

The dots on the line are equally spaced.

What are the coordinates of **C**?

C is   (,   )

2 marks

M1. Indicates correct coordinates for both points, ie A as (7, 13) and B as (17, 13)

2

or

Indicates correct coordinates for one point

or

Transposes the responses, ie A as (17, 13) and B as (7, 13)

or

The only error is to indicate incorrect, but consistent, y ordinates, provided $y > 3$

eg

- A as (7, 12) and B as (17, 12)

1

U2

[2]

M2. 28

[1]

M3. (a) (5, 4)

Both co-ordinates must be correct and in the correct order.
Accept unambiguous answers written on the diagram
(with or without brackets or commas).

1

(b) (10, 0)

Both co-ordinates must be correct and in the correct order.
Accept unambiguous answers written on the diagram
(with or without brackets or commas).

1

M4. (a) (11,9)

1

(b) (15,3)

Accept answers written on the diagram with or without
brackets and commas. Co-ordinates must be in the correct
order.

1

M5. (40, 27)

Coordinates must be written in the correct order.
Accept unambiguous answers written on the diagram.

[1]

M6. (10, 9)

Coordinates must be in the correct order.
Accept unambiguous answers written on the diagram.

[1]

M7. (5, 2)

Coordinates must be in the correct order.
Accept unambiguous answers written on the diagram.

[1]

M8. Award **TWO** marks for four rows ticked correctly, as shown:

☐	✔
✔	☐
✔	☐
☐	✔

If the answer is incorrect, award **ONE** mark for three rows ticked correctly.

Accept: alternative unambiguous indications such as ✘ or Y.

Up to 2

[2]

M9. (a) (−10, −4)

Coordinates must be written in the correct order.

1

(b) (0, 8)

Accept unambiguous answers written on the diagram.
Award ONE mark if the answer to (a) is (0, 8)
***AND** the answer to b is (−10, −4).*

M10. (75, 36)

Accept unambiguous answers written on the diagram.

[1]

M11. (a) 13 for the x coordinate

Accept unambiguous answers written on the diagram.

U1

(b) 15 for the y coordinate

Accept unambiguous answers written on the diagram.

1

*If the answer to (a) is 15 **AND** the answer to (b) is 13, then award **ONE** mark for (b).*

[2]