



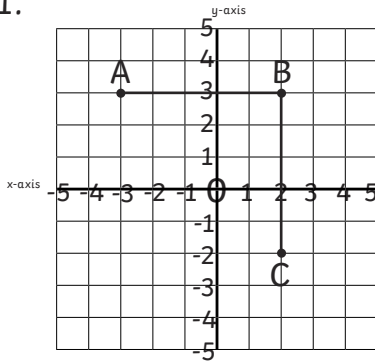
# Coordinate Shape Reasoning

I can plot coordinates to draw shapes using all four quadrants and identify missing coordinate positions.



Plot the missing vertex to complete the shape.

1.

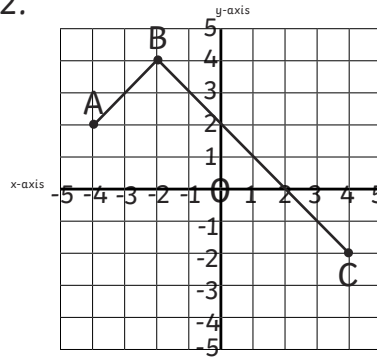


Shape ABCD is a square. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

2.

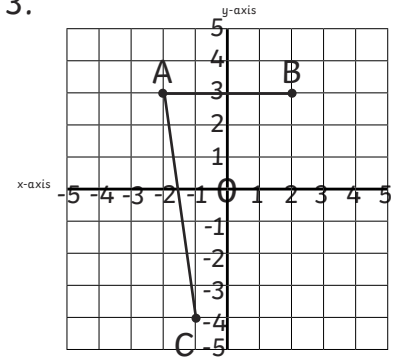


Shape ABCD is a rectangle. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

3.



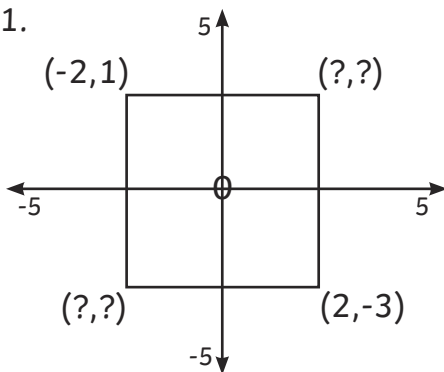
Shape ABCD is a parallelogram. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

Identify the coordinate positions of the missing vertices.

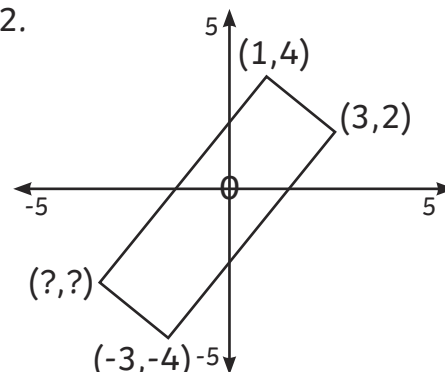
1.



This square has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

( , - ) and ( , - )

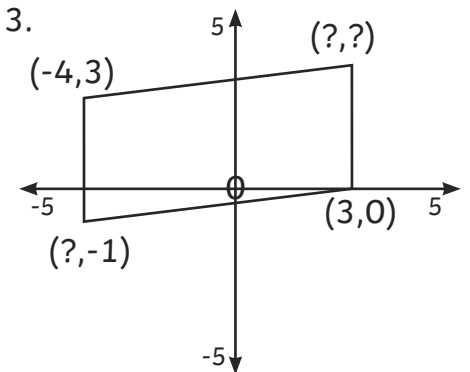
2.



This rectangle has been drawn on coordinate axes. Identify the coordinates of the missing vertex:

( , - )

3.



This parallelogram has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

( , -1 ) and ( , - )



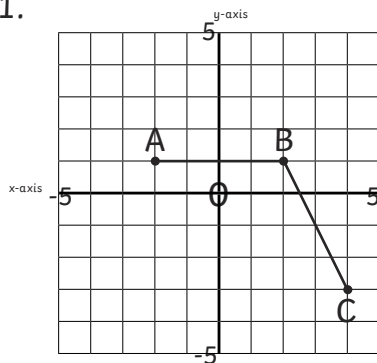
# Coordinate Shape Reasoning

I can plot coordinates to draw shapes using all four quadrants and identify missing coordinate positions.



Plot the missing vertex to complete the shape.

1.

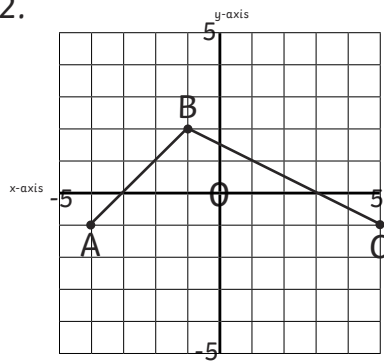


Shape ABCD is a trapezium. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = (, )

2.

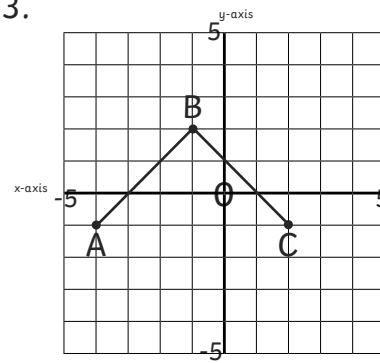


Shape ABCD is a kite. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = (, )

3.



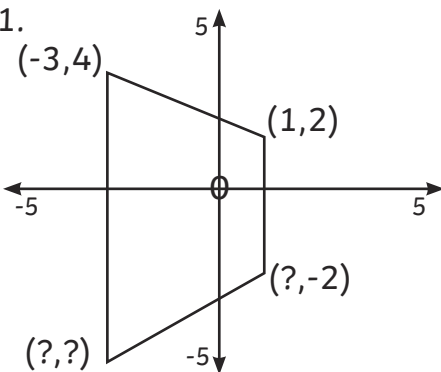
Shape ABCD is a rhombus. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = (, )

Identify the coordinate positions of the missing vertices.

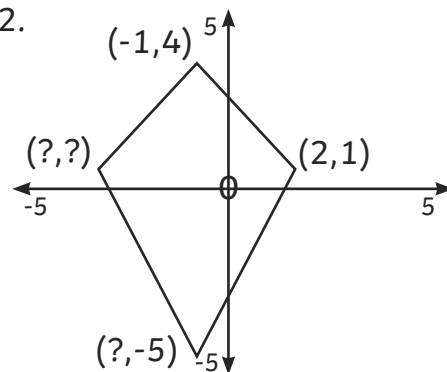
1.



This trapezium has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

(, -2) and (, )

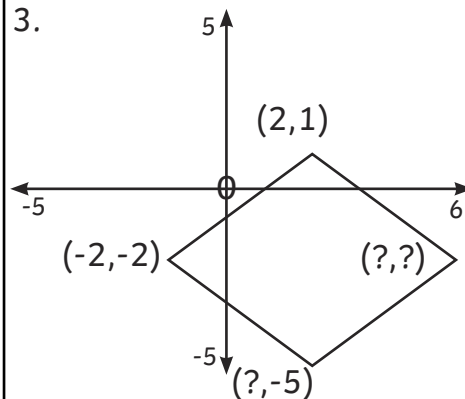
2.



This kite has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

(, -5) and (, )

3.



This rhombus has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

(, -5) and (, )



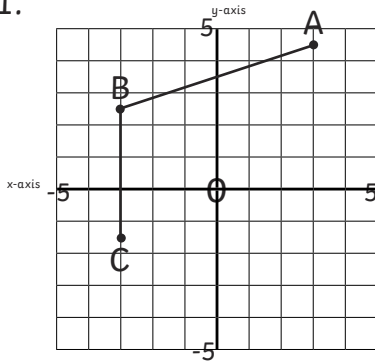
# Coordinate Shape Reasoning

I can plot coordinates to draw shapes using all four quadrants and identify missing coordinate positions.



Plot the missing vertex to complete the shape.

1.

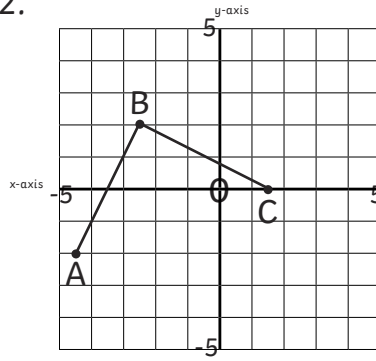


Shape ABCD is a trapezium. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

2.

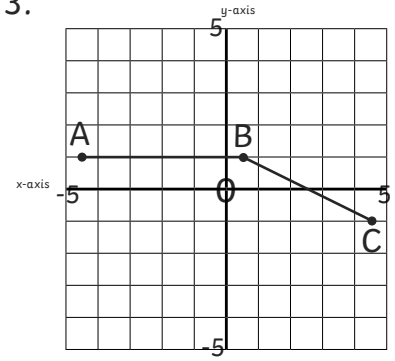


Shape ABCD is a rhombus. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

3.



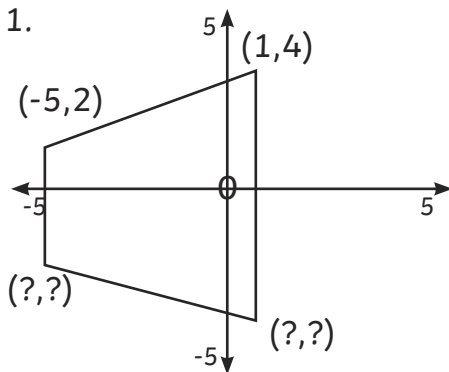
Shape ABCD is a parallelogram. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

D = ( , - )

Identify the coordinate positions of the missing vertices.

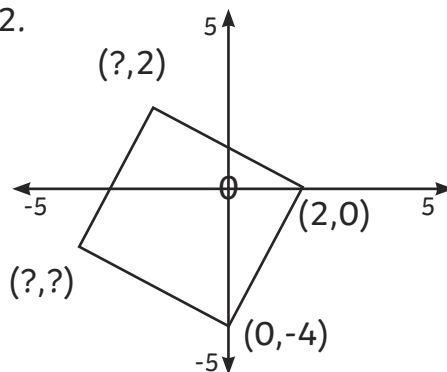
1.



This trapezium has been drawn on coordinate axes. It is divided into two equal parts by the x-axis. Identify the coordinates of the missing vertices:

( , - ) and ( , - )

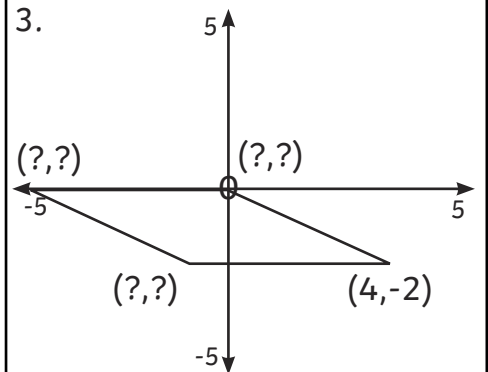
2.



This square has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

( , 2 ) and ( , - )

3.



This parallelogram has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

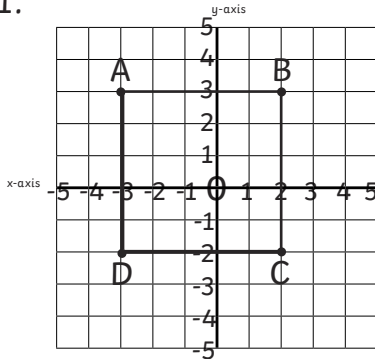
( , - ) and ( , - ) and ( , - )



# Coordinate Shape Reasoning Answers

Plot the missing vertex to complete the shape.

1.

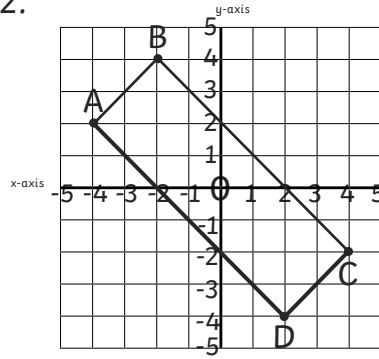


Shape ABCD is a square. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-3, -2)$$

2.

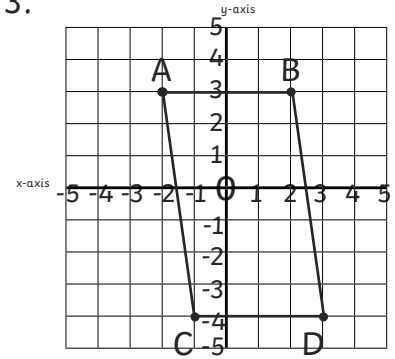


Shape ABCD is a rectangle. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (2, -4)$$

3.



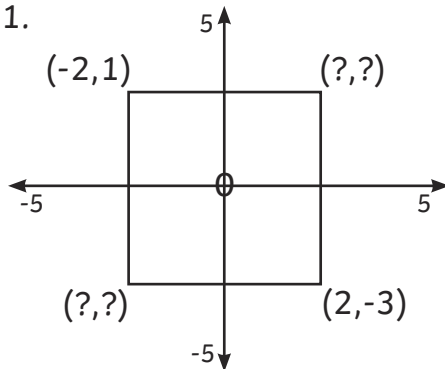
Shape ABCD is a parallelogram. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (3, -4)$$

Identify the coordinate positions of the missing vertices.

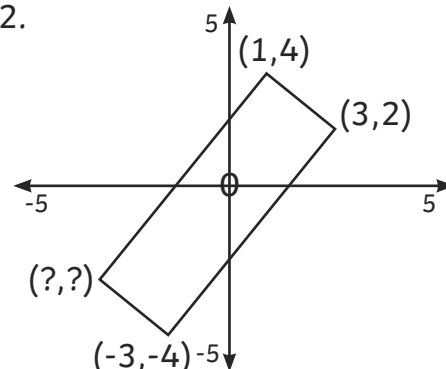
1.



This square has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

$$(2, 1) \text{ and } (-2, -3)$$

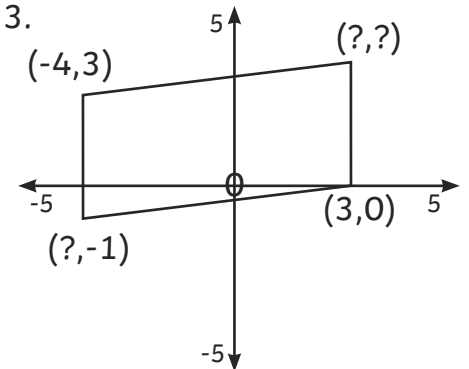
2.



This rectangle has been drawn on coordinate axes. Identify the coordinates of the missing vertex:

$$(-5, -2)$$

3.



This parallelogram has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

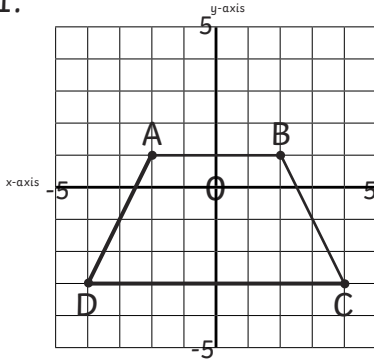
$$(-4, -1) \text{ and } (3, 4)$$



# Coordinate Shape Reasoning **Answers**

Plot the missing vertex to complete the shape.

1.

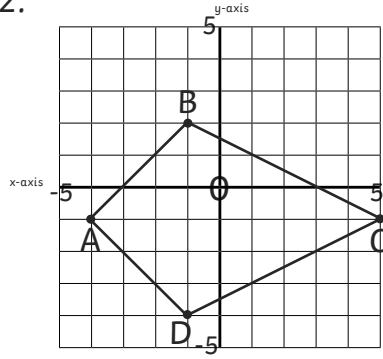


Shape ABCD is a trapezium. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-4, -3)$$

2.

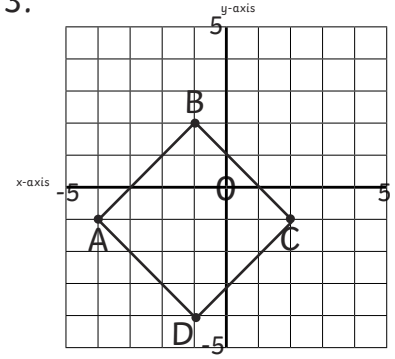


Shape ABCD is a kite. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-1, -4)$$

3.



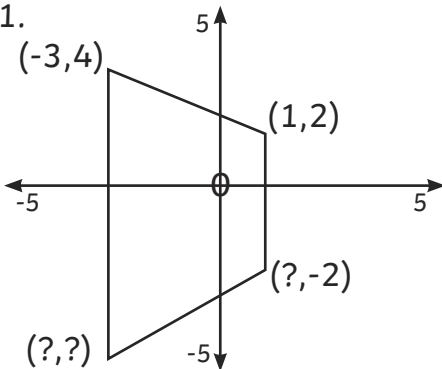
Shape ABCD is a rhombus. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-1, -4)$$

Identify the coordinate positions of the missing vertices.

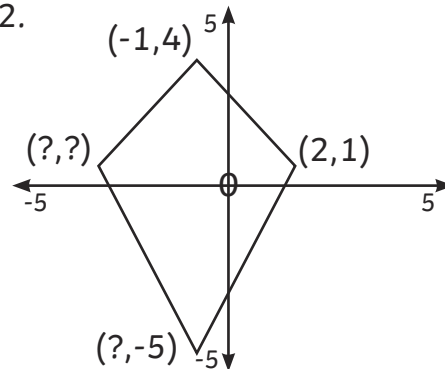
1.



This trapezium has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

$$(1, -2) \text{ and } (-3, -4)$$

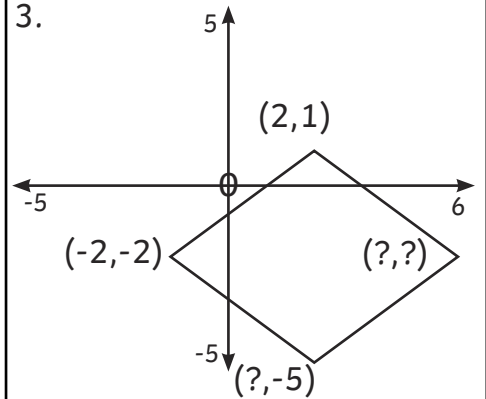
2.



This kite has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

$$(-1, -5) \text{ and } (-4, 1)$$

3.



This rhombus has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

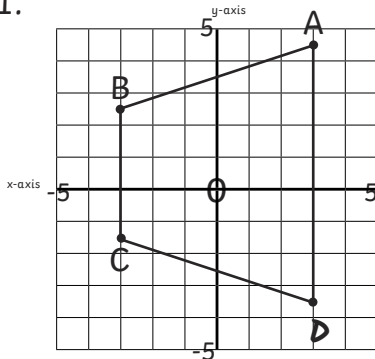
$$(2, -5) \text{ and } (6, -2)$$



# Coordinate Shape Reasoning Answers

Plot the missing vertex to complete the shape.

1.

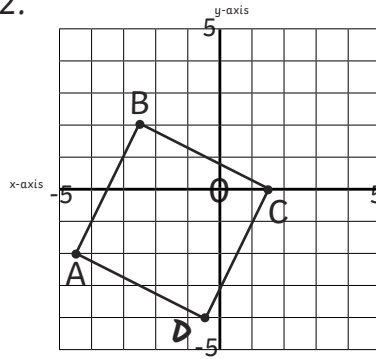


Shape ABCD is a trapezium. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-3, -3.5)$$

2.

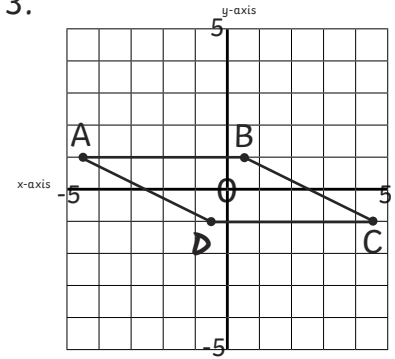


Shape ABCD is a rhombus. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-0.5, -4)$$

3.



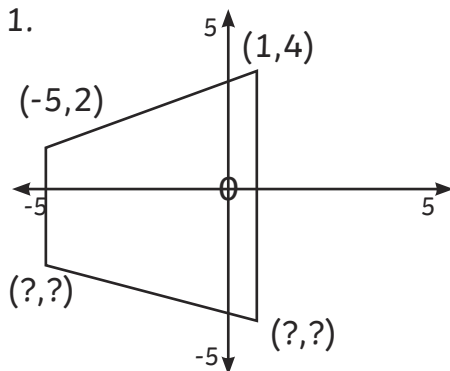
Shape ABCD is a parallelogram. Plot vertex D to finish drawing the shape.

What is the coordinate position of D?

$$D = (-0.5, -1)$$

Identify the coordinate positions of the missing vertices.

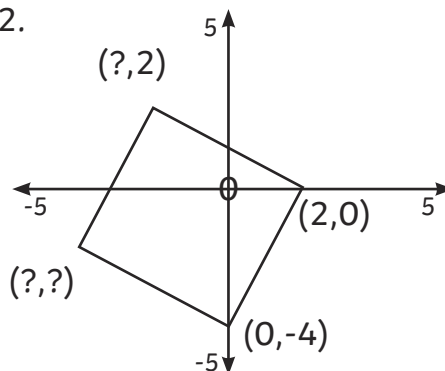
1.



This trapezium has been drawn on coordinate axes. It is divided into two equal parts by the x-axis. Identify the coordinates of the missing vertices:

$$(-5, -2) \text{ and } (1, -4)$$

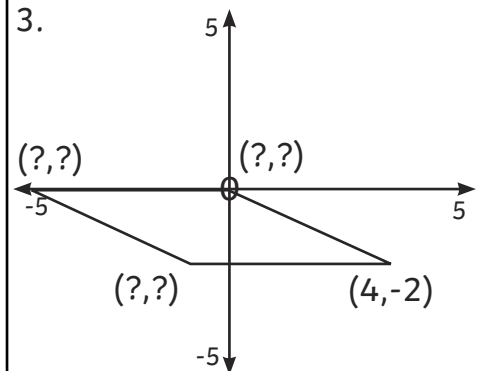
2.



This square has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

$$(-2, 2) \text{ and } (-4, -2)$$

3.



This parallelogram has been drawn on coordinate axes. Identify the coordinates of the missing vertices:

$$(-5, 0) \text{ and } (0, 0) \text{ and } (-1, -2)$$