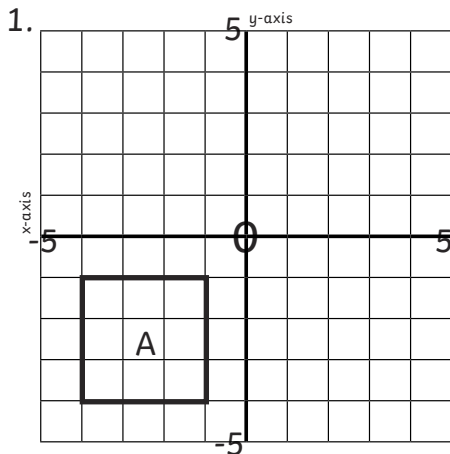




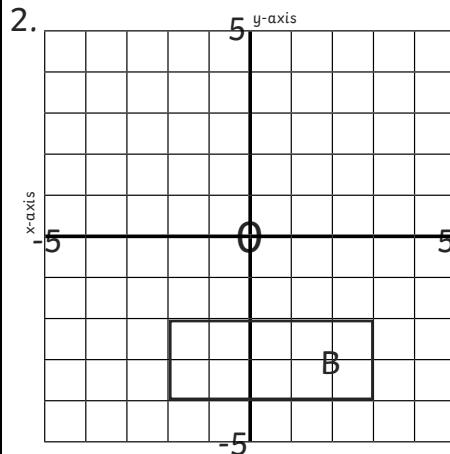
Translating Coordinate Shapes

I can translate shapes in all four quadrants.

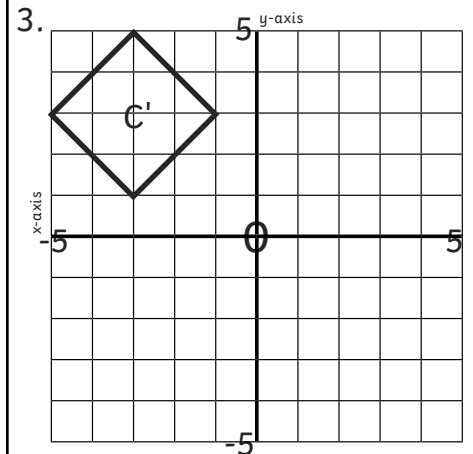
Draw the translated shape and label the coordinates of the vertices.



Shape A is a square. It is translated **right 3, up 4** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

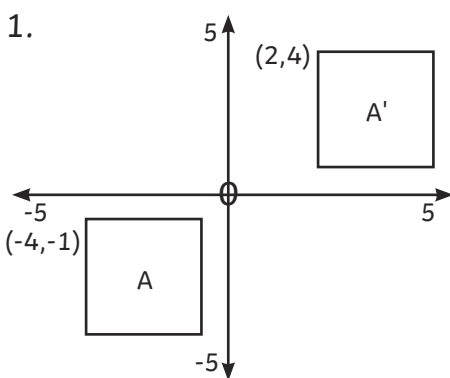


Shape B is a rectangle. It is translated **left 2, up 6** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.



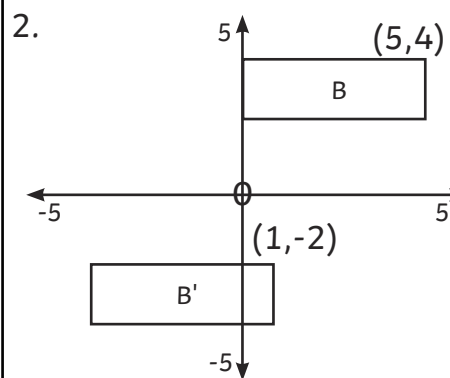
Shape C' is a rhombus. Shape C was translated **left 4, up 6** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

Identify the coordinate positions of the missing vertices on the translated shapes.



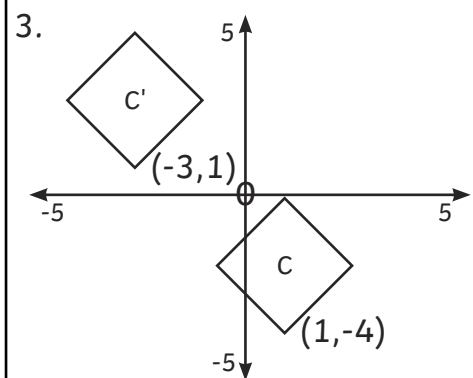
Shape A is a square with sides the length of 3 on the grid. It has been translated to become Shape A'.

Identify and label the coordinates of the missing vertices of A'.



Shape B is a rectangle with sides the length of 5 and width of 2 on the grid. It has been translated to become Shape B'.

Identify and label the coordinates of the missing vertices of B'.



Shape C is a rhombus with sides the length of 2 on the grid. It has been translated to become Shape C'.

Identify and label the coordinates of the missing vertices of C'.

Translating Coordinate Shapes

I can translate shapes in all four quadrants.

Draw the translated shape and label the coordinates of the vertices.

1.

Shape A is a trapezium. It is translated **right 1, down 5** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

2.

Shape B is a parallelogram. It is translated **left 3, up 4** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.

3.

Shape C' is a kite. Shape C was translated **right 2, up 4** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

Identify the coordinate positions of the missing vertices on the translated shapes.

1.

Shape A is a trapezium. It has been translated to become Shape A'. Identify and label the coordinates of the missing vertices of A'.

2.

Shape B is a parallelogram with sides the length of 4 and width of 2 on the grid. It has been translated to become Shape B'. Identify and label the coordinates of the missing vertices of B'.

3.

Shape C is a kite with short sides the length of 2 and long sides the length of 5 on the grid. It has been translated to become Shape C'. Identify and label the coordinates of the missing vertices of C'.

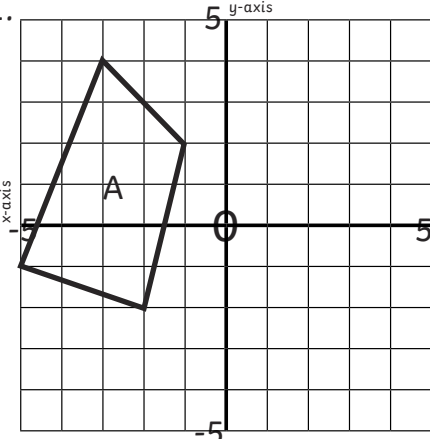


Translating Coordinate Shapes

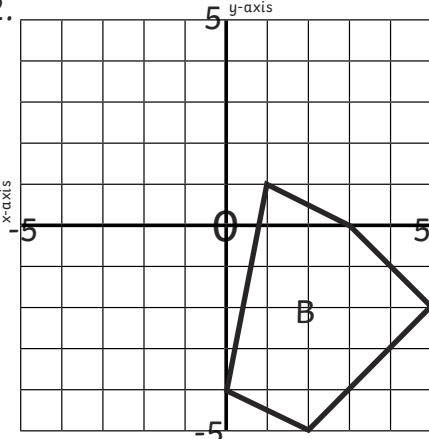
I can translate shapes in all four quadrants.



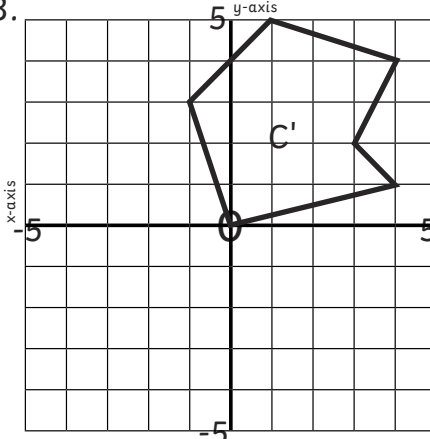
Draw the translated shape and label the coordinates of the vertices.

1. 

Shape A is a quadrilateral. It is translated **right 6, down 1** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

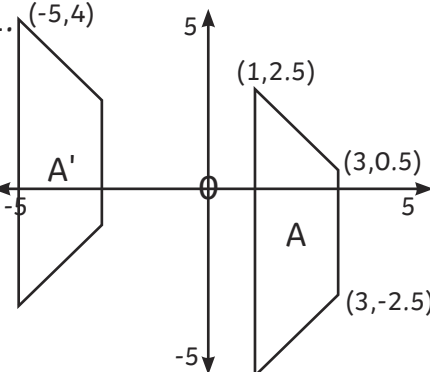
2. 

Shape B is an irregular pentagon. It is translated **left 5, up 3** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.

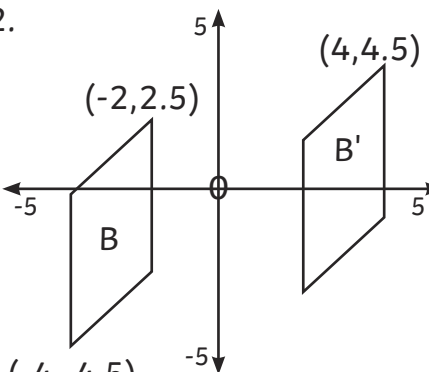
3. 

Shape C' is an irregular hexagon. Shape C was translated **right 3, up 5** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

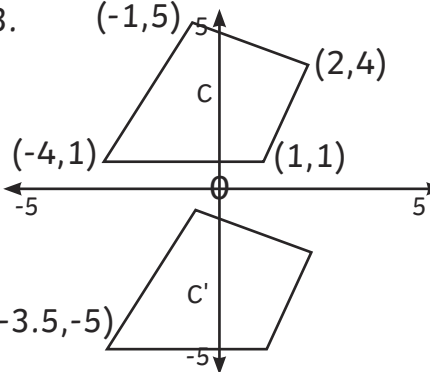
Identify the coordinate positions of the missing vertices on the translated shapes.

1. 

Shape A is a trapezium. It has been translated to become Shape A'. Identify and label the coordinates of the missing vertices of A'.

2. 

Shape B is a parallelogram with vertical sides the length of 4 on the grid. It has been translated to become Shape B'. Identify and label the coordinates of the missing vertices of B'.

3. 

Shape C is a quadrilateral. It has been translated to become Shape C'. Identify and label the coordinates of the missing vertices of C'.



Translating Coordinate Shapes Answers

Draw the translated shape and label the coordinates of the vertices.

1.

Shape A is a square. It is translated **right 3, up 4** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

2.

Shape B is a rectangle. It is translated **left 2, up 6** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.

3.

Shape C' is a rhombus. Shape C was translated **left 4, up 6** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

Identify the coordinate positions of the missing vertices on the translated shapes.

1.

Shape A is a square with sides the length of 3 on the grid. It has been translated to become Shape A'.

Identify and label the coordinates of the missing vertices of A'.

2.

Shape B is a rectangle with sides the length of 5 and width of 2 on the grid. It has been translated to become Shape B'.

Identify and label the coordinates of the missing vertices of B'.

3.

Shape C is a rhombus with sides the length of 2 on the grid. It has been translated to become Shape C'.

Identify and label the coordinates of the missing vertices of C'.



Translating Coordinate Shapes Answers

Draw the translated shape and label the coordinates of the vertices.

1.

Shape A is a trapezium. It is translated **right 1, down 5** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

2.

Shape B is a parallelogram. It is translated **left 3, up 4** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.

3.

Shape C' is a kite. Shape C was translated **right 2, up 4** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

Identify the coordinate positions of the missing vertices on the translated shapes.

1.

Shape A is a trapezium. It has been translated to become Shape A'. Identify and label the coordinates of the missing vertices of A'.

2.

Shape B is a parallelogram with sides the length of 4 and width of 2 on the grid. It has been translated to become Shape B'. Identify and label the coordinates of the missing vertices of B'.

3.

Shape C is a kite with short sides the length of 2 and long sides the length of 5 on the grid. It has been translated to become Shape C'. Identify and label the coordinates of the missing vertices of C'.



Translating Coordinate Shapes Answers

Draw the translated shape and label the coordinates of the vertices.

1.

Shape A is a quadrilateral. It is translated **right 6, down 1** to become shape A'. Draw shape A' on the coordinate axes and label the coordinates of the vertices.

2.

Shape B is an irregular pentagon. It is translated **left 5, up 3** to become shape B'. Draw shape B' on the coordinate axes and label the coordinates of the vertices.

3.

Shape C' is an irregular hexagon. Shape C was translated **right 3, up 5** to become shape C'. Draw shape C on the coordinate axes and label the coordinates of the vertices.

Identify the coordinate positions of the missing vertices on the translated shapes.

1.

Shape A is a trapezium. It has been translated to become Shape A'.

Identify and label the coordinates of the missing vertices of A'.

2.

Shape B is a parallelogram with vertical sides the length of 4 on the grid. It has been translated to become Shape B'.

Identify and label the coordinates of the missing vertices of B'.

3.

Shape C is a quadrilateral. It has been translated to become Shape C'.

Identify and label the coordinates of the missing vertices of C'.