

Translation of Shapes

I can translate a shape on a grid.

Translate each shape by moving the labelled point of the shape to the point with the same letter.

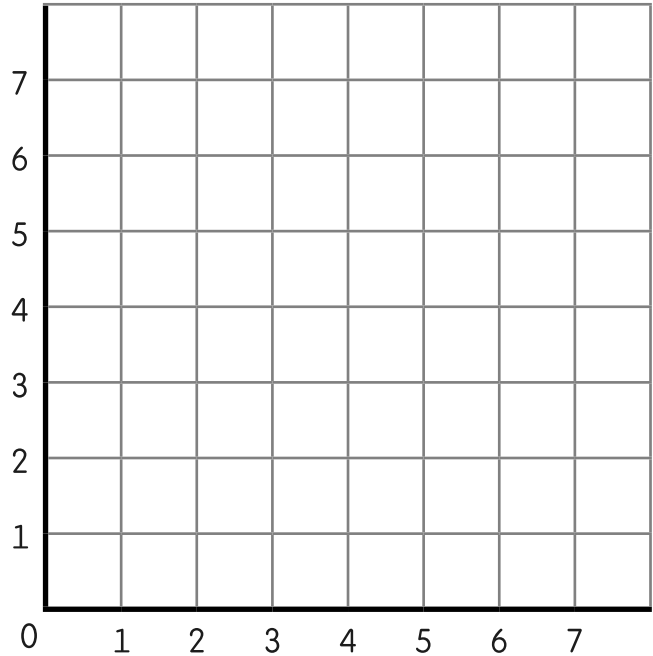
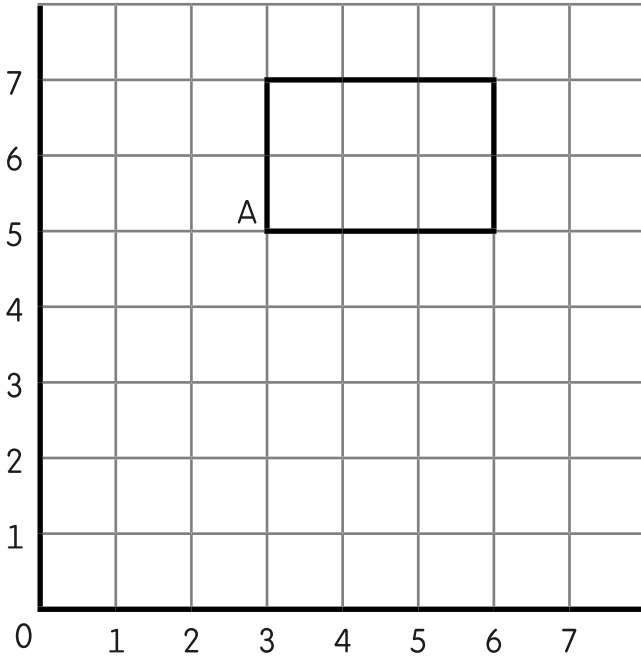
The grid contains three shapes and their corresponding translation points:

- Shape 1:** A rectangle with vertices at (1, 10), (5, 10), (5, 14), and (1, 14). A point labeled 'A' is at (1, 10) and a point labeled 'B' is at (1, 14).
- Shape 2:** A rectangle with vertices at (10, 10), (14, 10), (14, 14), and (10, 14). A point labeled 'A' is at (10, 14).
- Shape 3:** A rectangle with vertices at (2, 10), (8, 10), (8, 14), and (2, 14). A point labeled 'D' is at (8, 14).
- Shape 4:** A rectangle with vertices at (10, 10), (14, 10), (14, 14), and (10, 14). A point labeled 'D' is at (10, 14) and a point labeled 'C' is at (14, 14).
- Shape 5:** A rectangle with vertices at (2, 14), (8, 14), (8, 16), and (2, 16). A point labeled 'C' is at (2, 14) and a point labeled 'B' is at (3, 14).

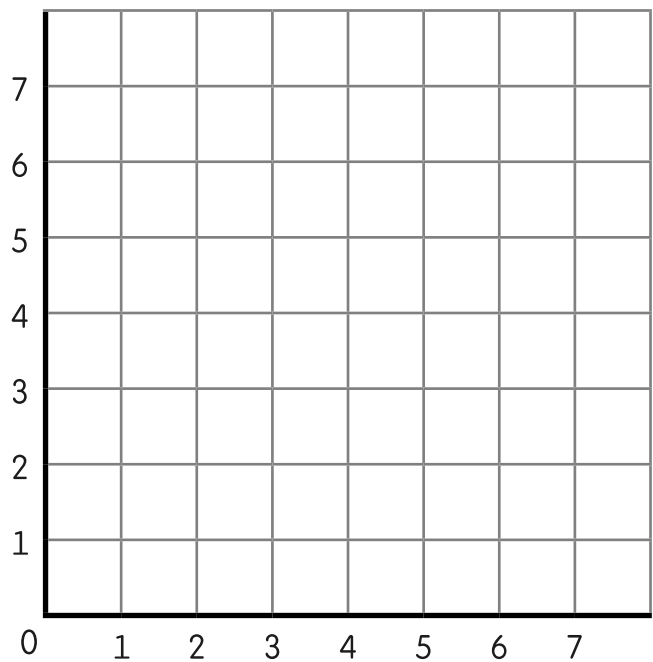
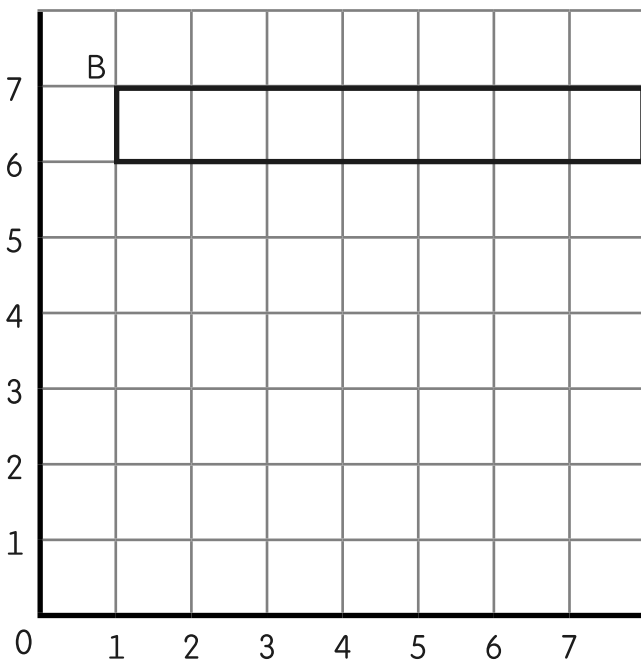
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (2,1)

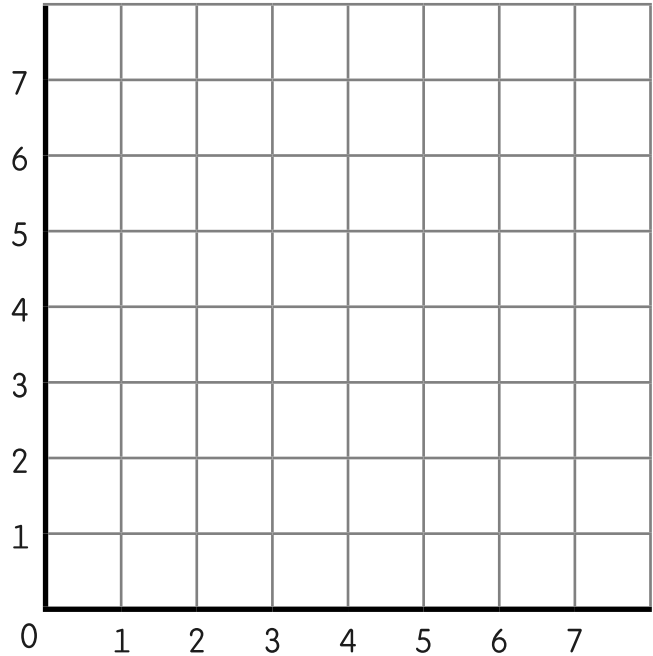
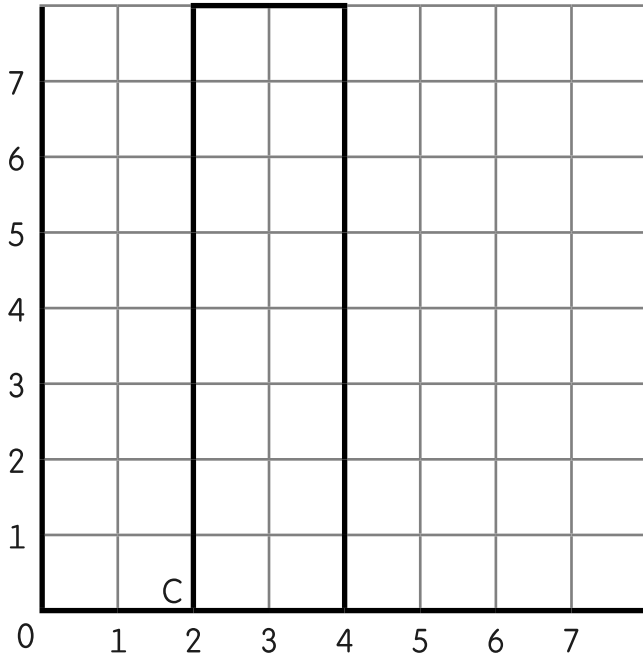


Move point B to (1,2)

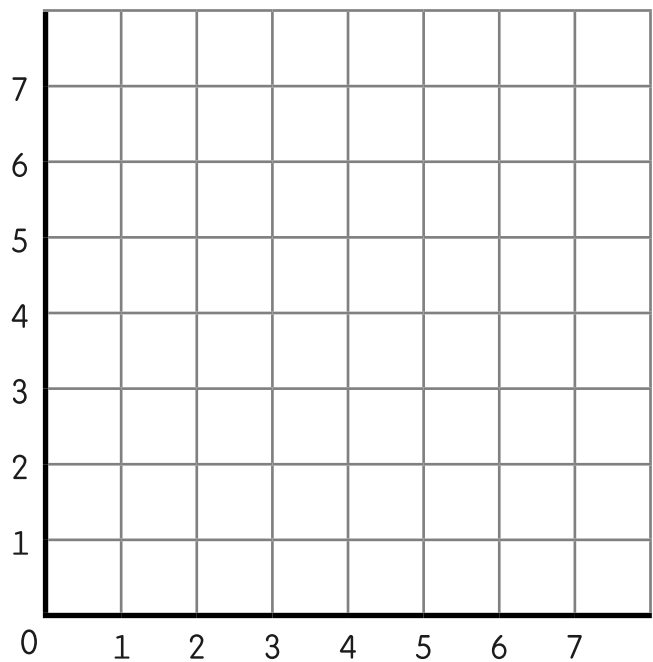
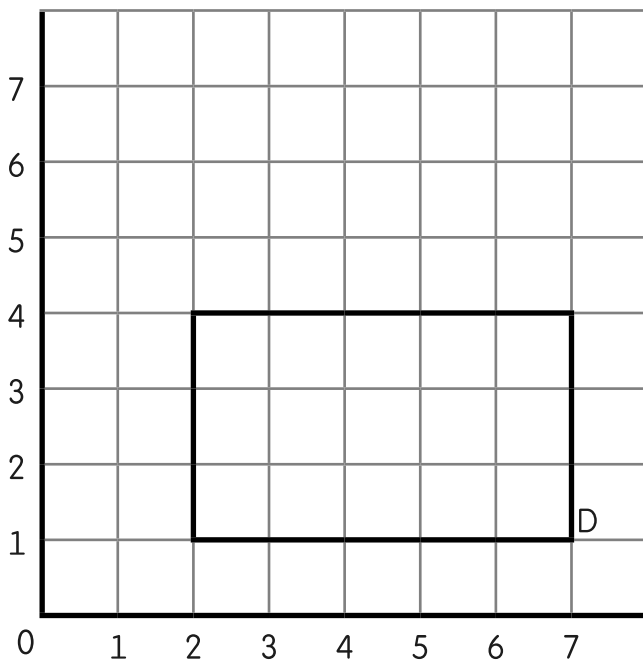
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (5,0)

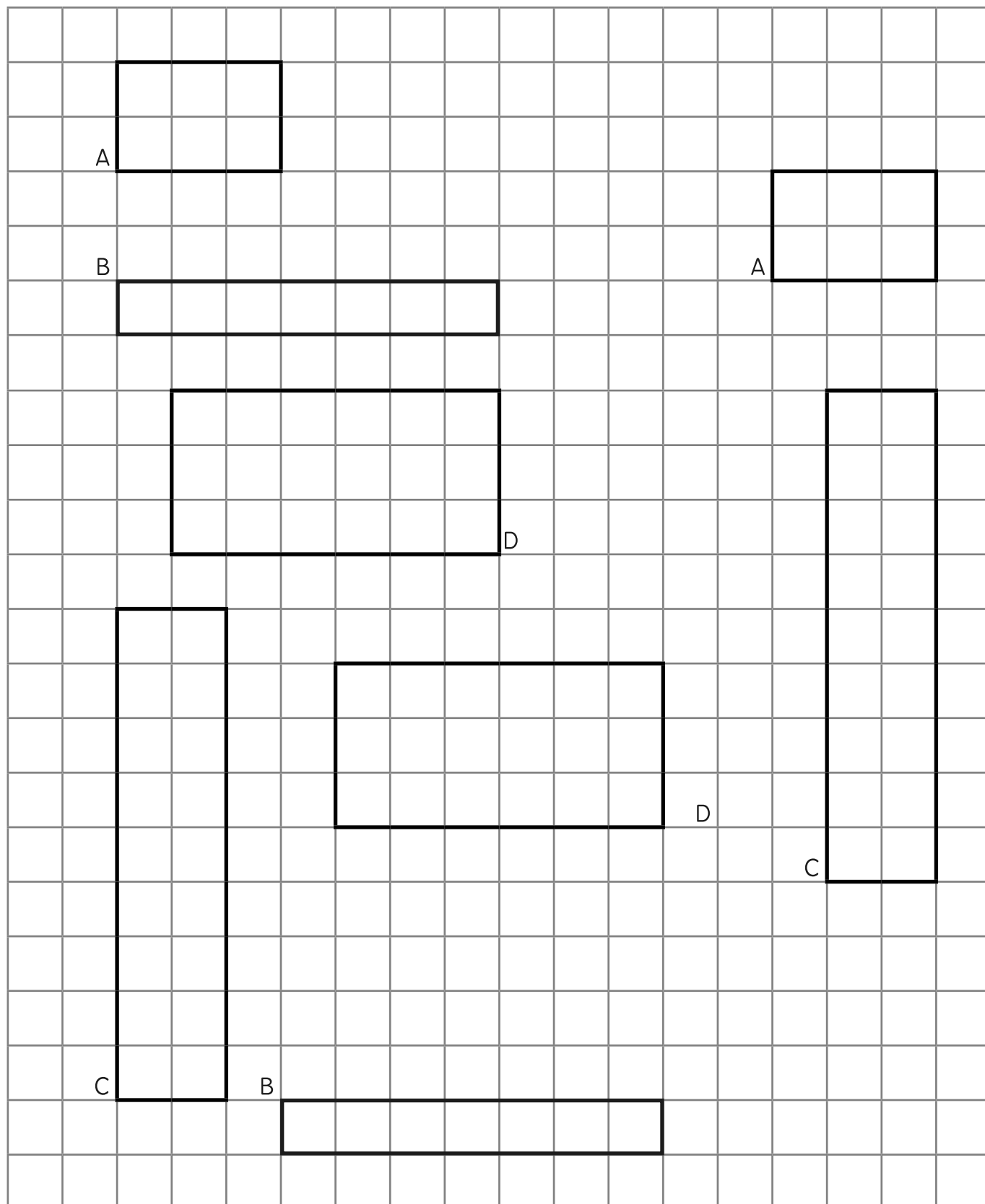


Move point D to (6,4)

Translation of Shapes

Answers

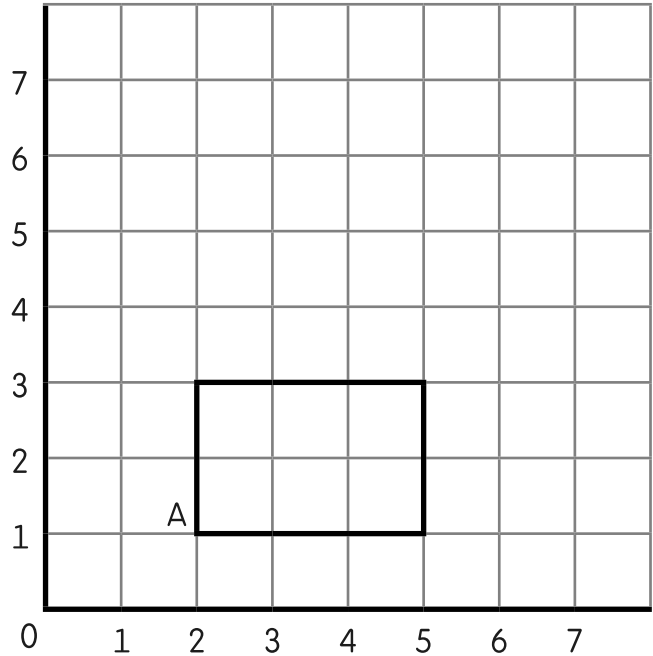
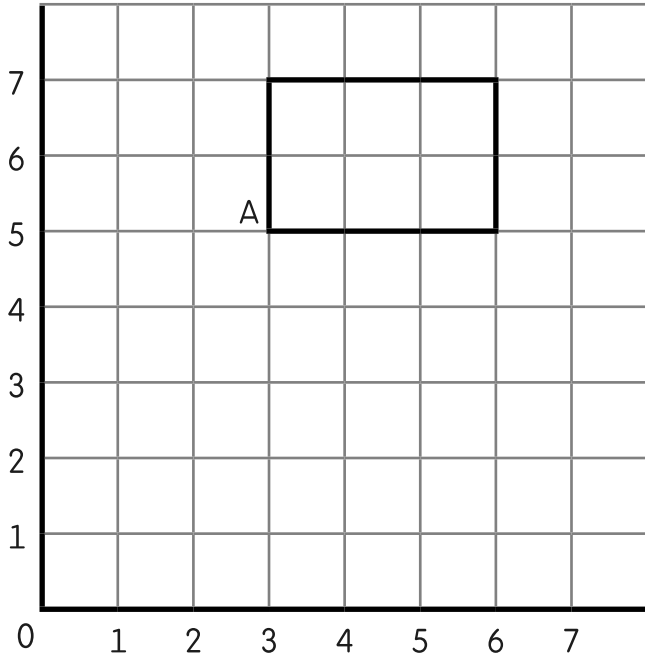
Translate each shape by moving the labelled point of the shape to the point with the same letter.



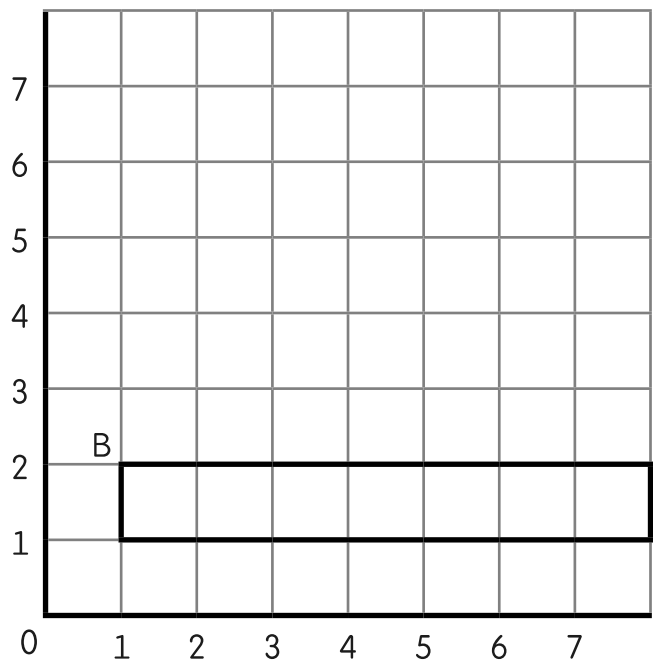
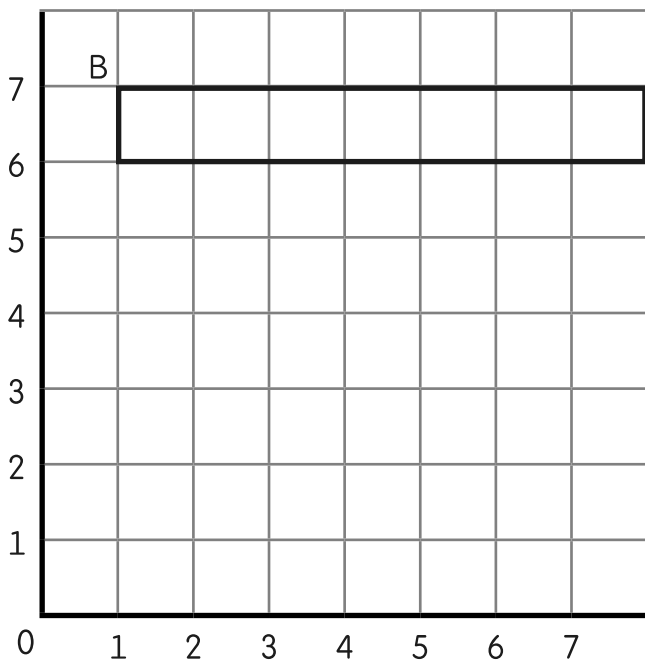
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (2,1)

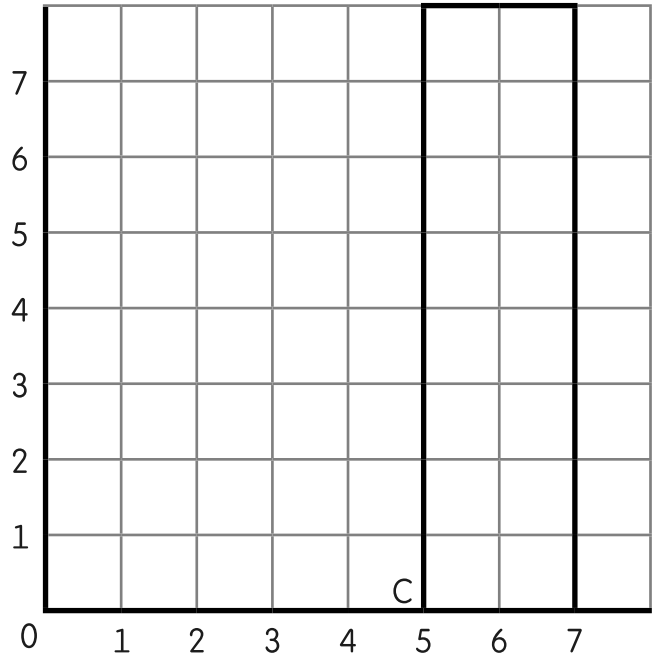
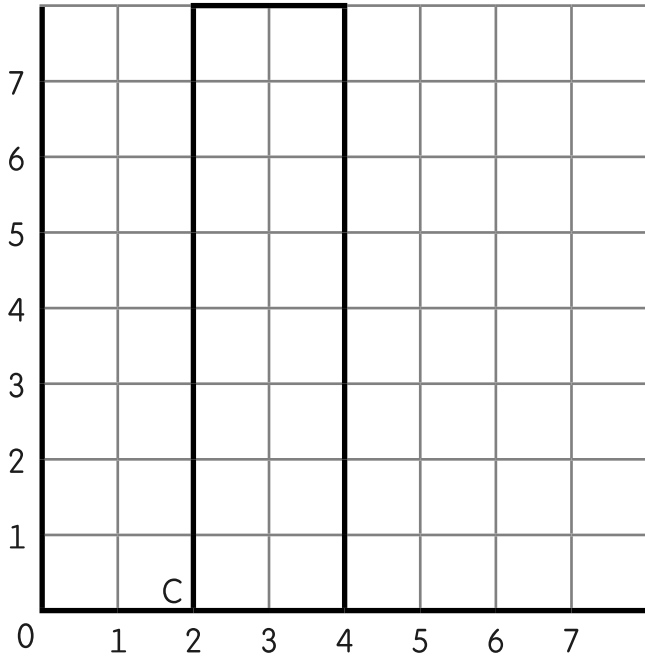


Move point B to (1,2)

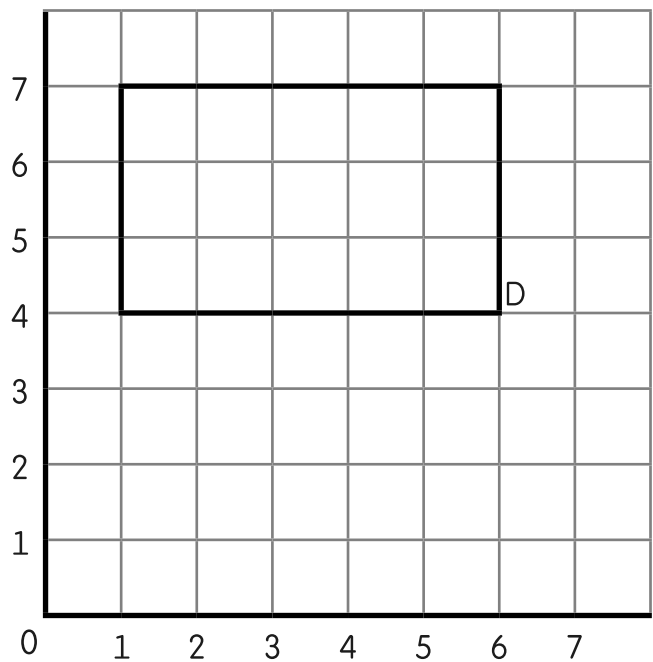
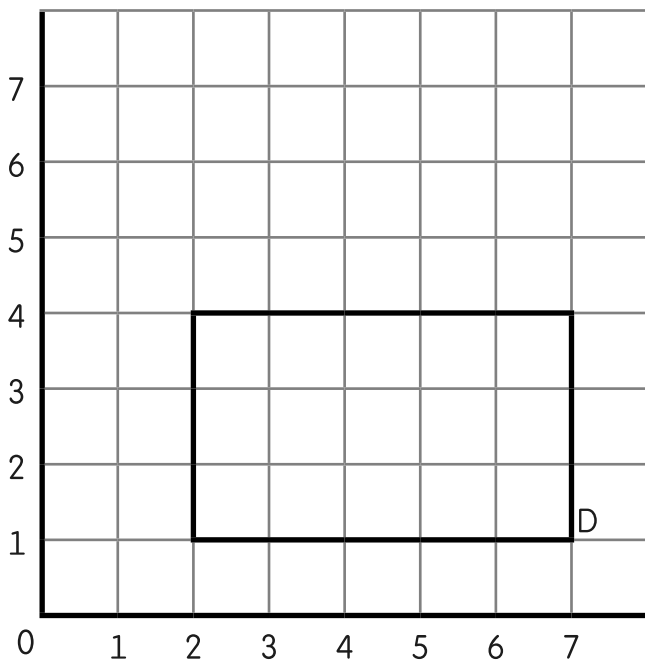
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (5,0)



Move point D to (6,4)

Translation of Shapes

I can translate a shape on a grid.

Translate each shape by moving the labelled point of the shape to the point with the same letter.

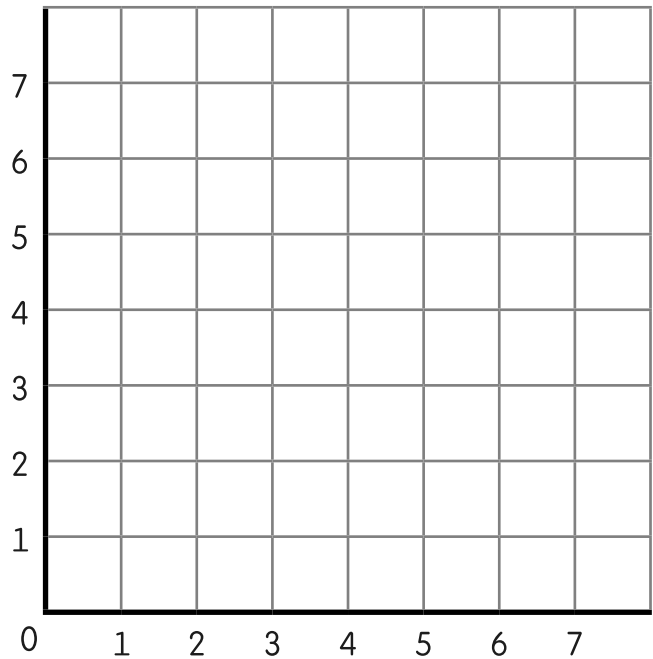
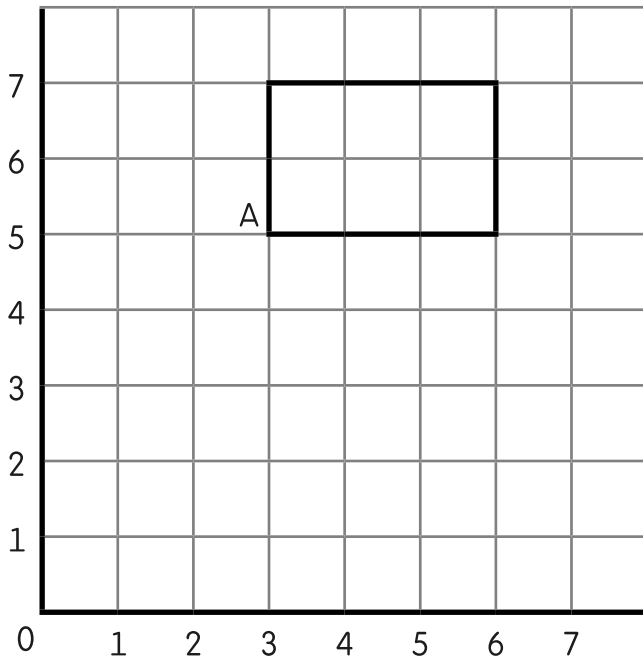
The grid contains the following shapes and points:

- Top Right:** A rectangle with its bottom-left corner at point A (row 3, column 12).
- Middle Left:** A trapezium with its top-right corner at point D (row 4, column 6).
- Middle Right:** A parallelogram with its bottom-left corner at point C (row 6, column 8).
- Bottom Left:** A large L-shaped polygon with its top-right corner at point F (row 5, column 3).
- Bottom Middle:** A parallelogram with its bottom-left corner at point G (row 7, column 4).
- Bottom Right:** A triangle with its top vertex at point B (row 7, column 11).
- Other Labels:** Point A is also at (row 2, column 2), point C at (row 4, column 1), point D at (row 7, column 2), and point E at (row 4, column 8).

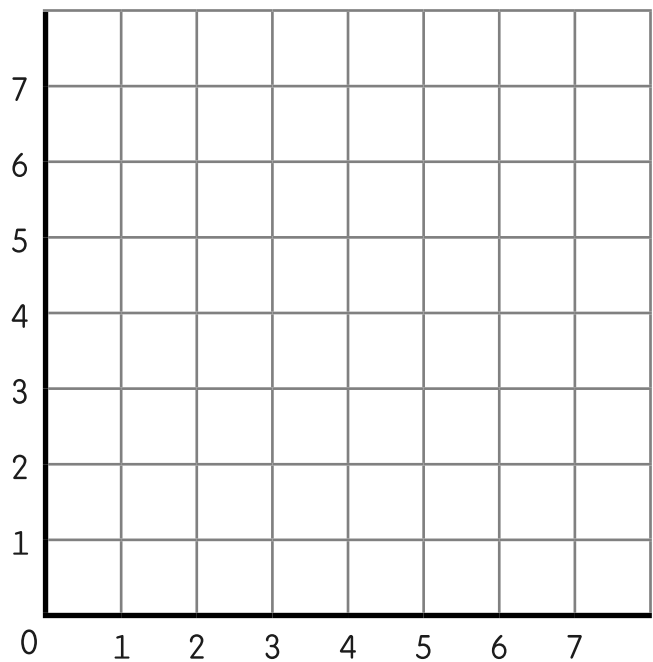
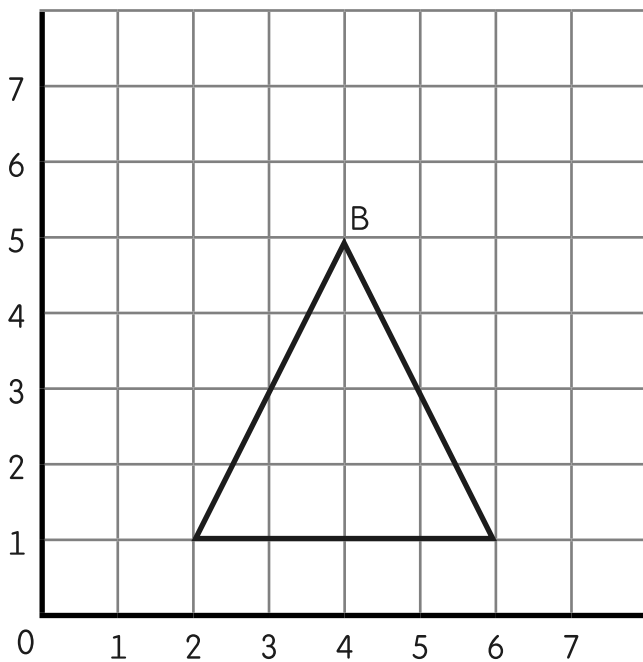
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (4,3)

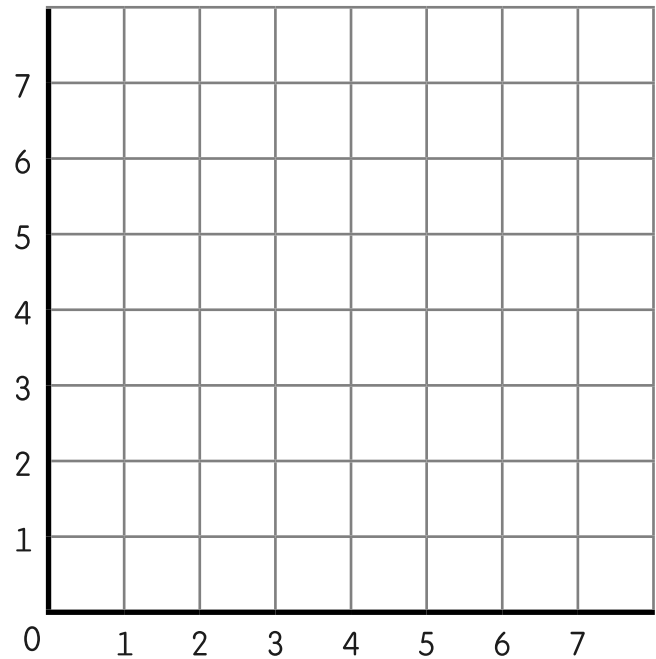
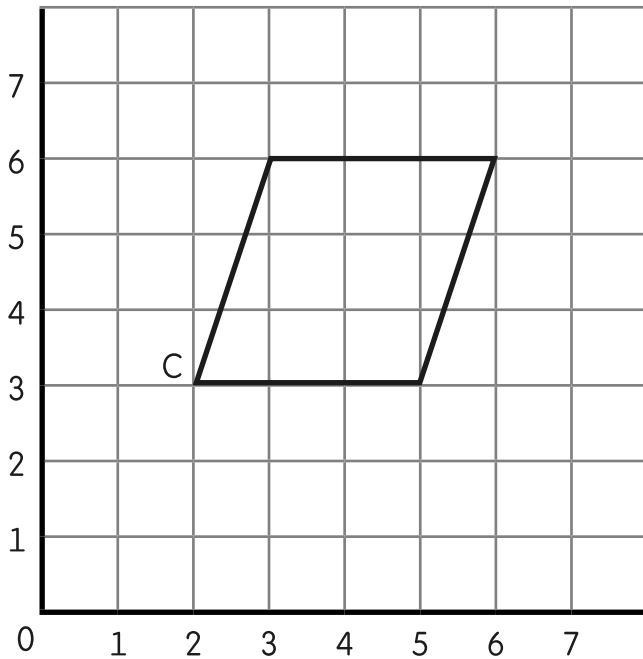


Move point B to (5,7)

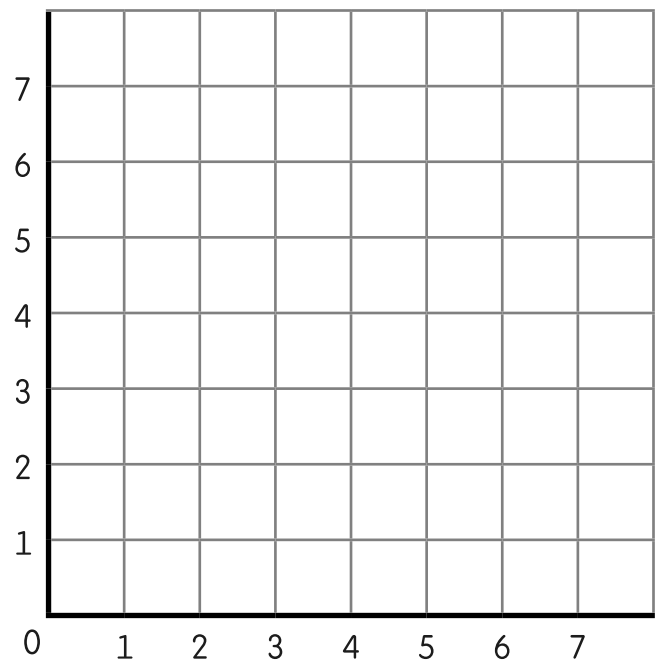
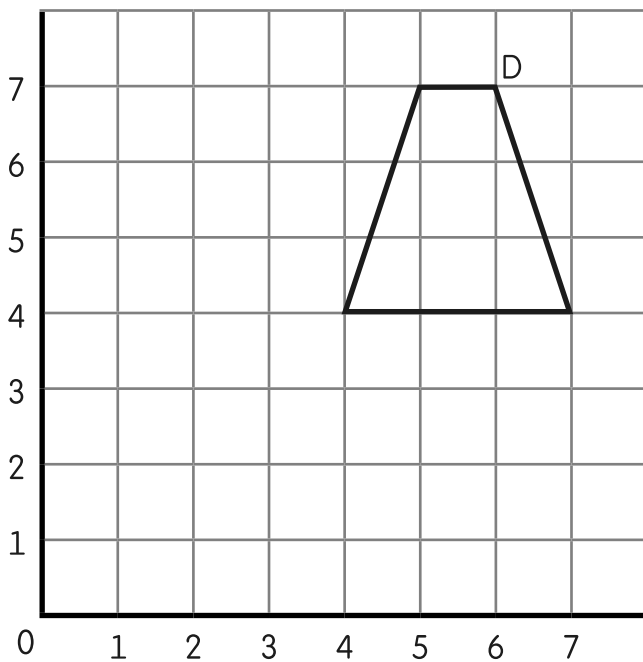
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (1,1)

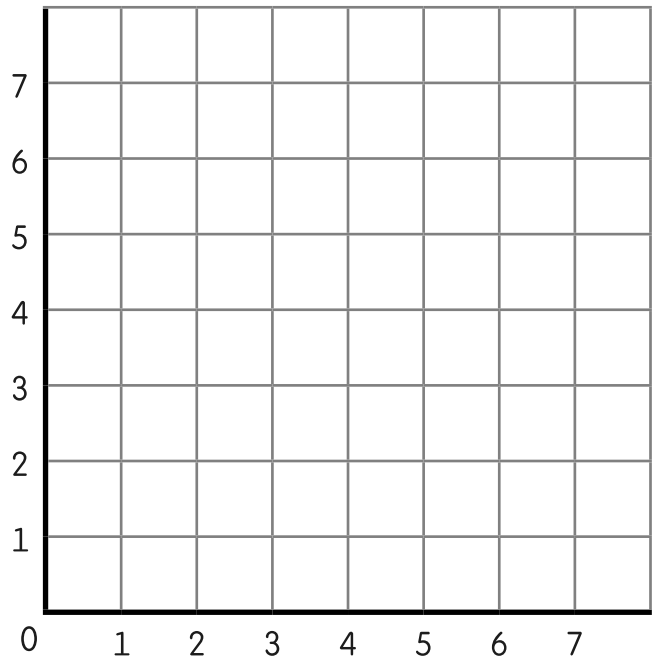
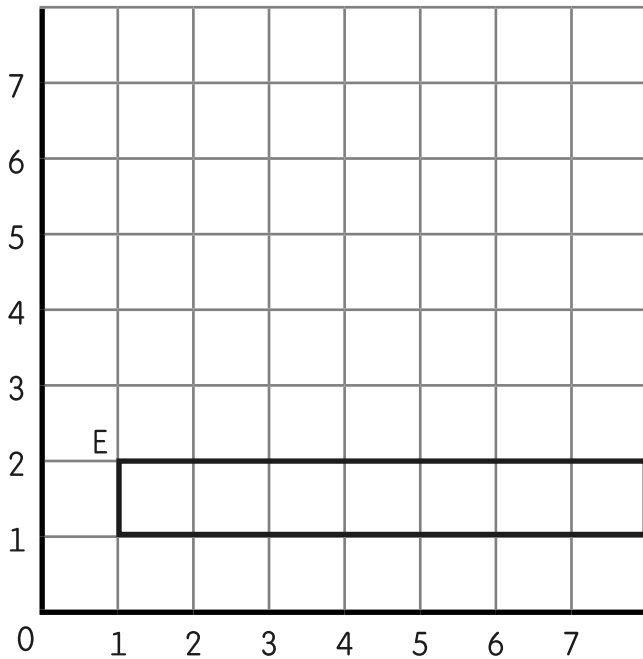


Move point D to (3,4)

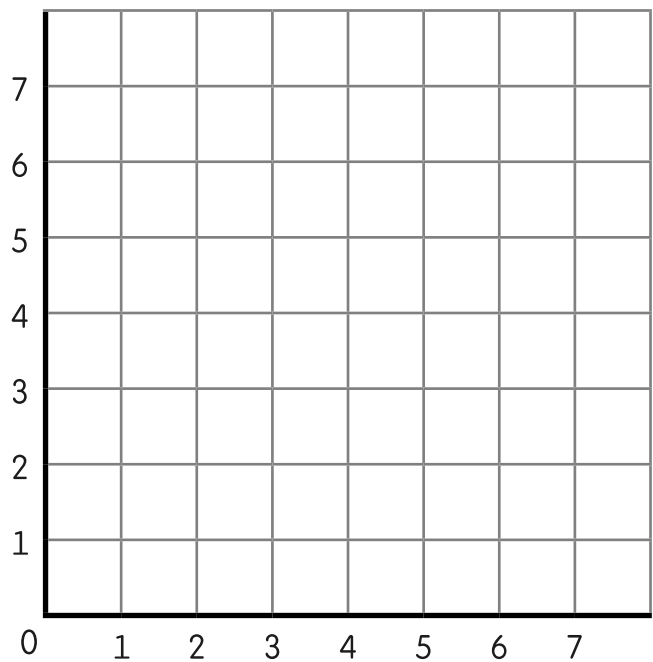
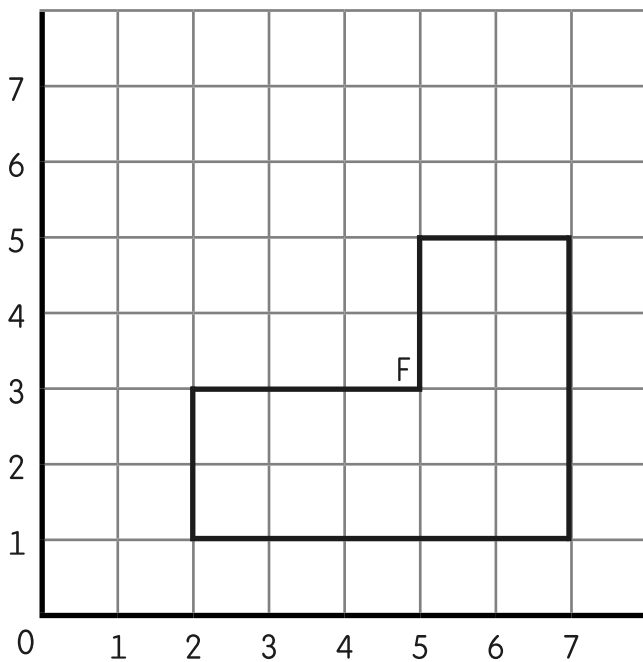
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point E to (1,6)

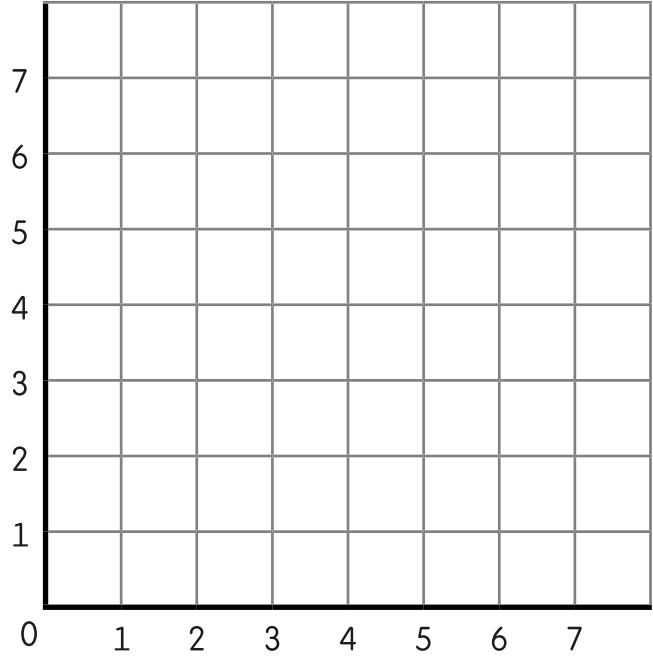
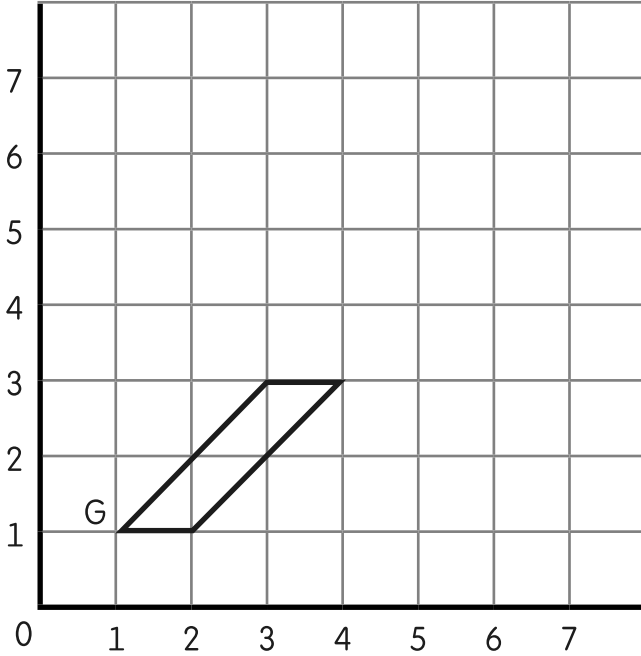


Move point F to (4,5)

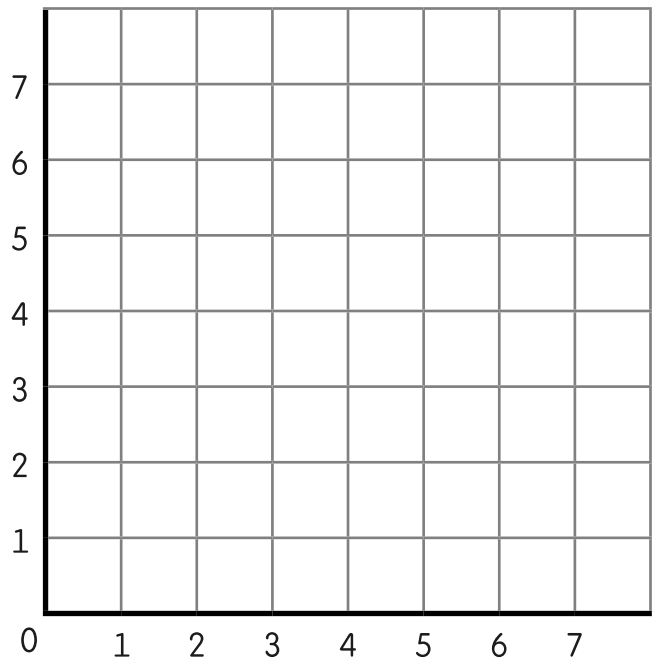
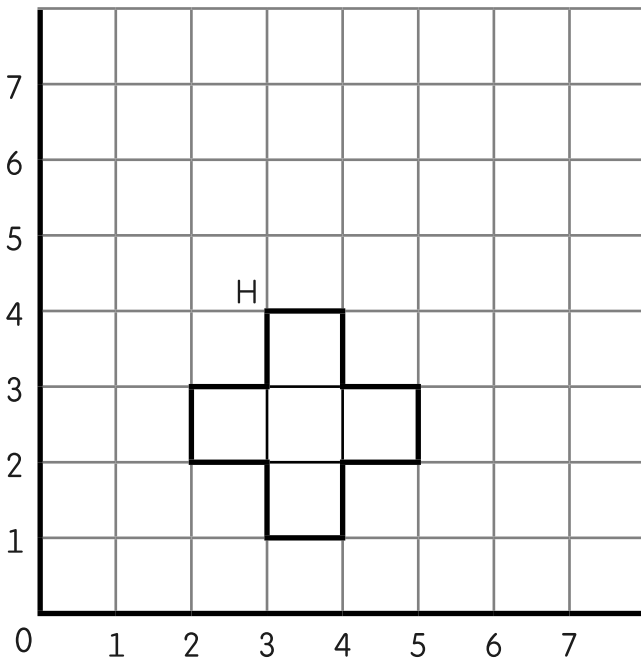
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point G to (3,5)

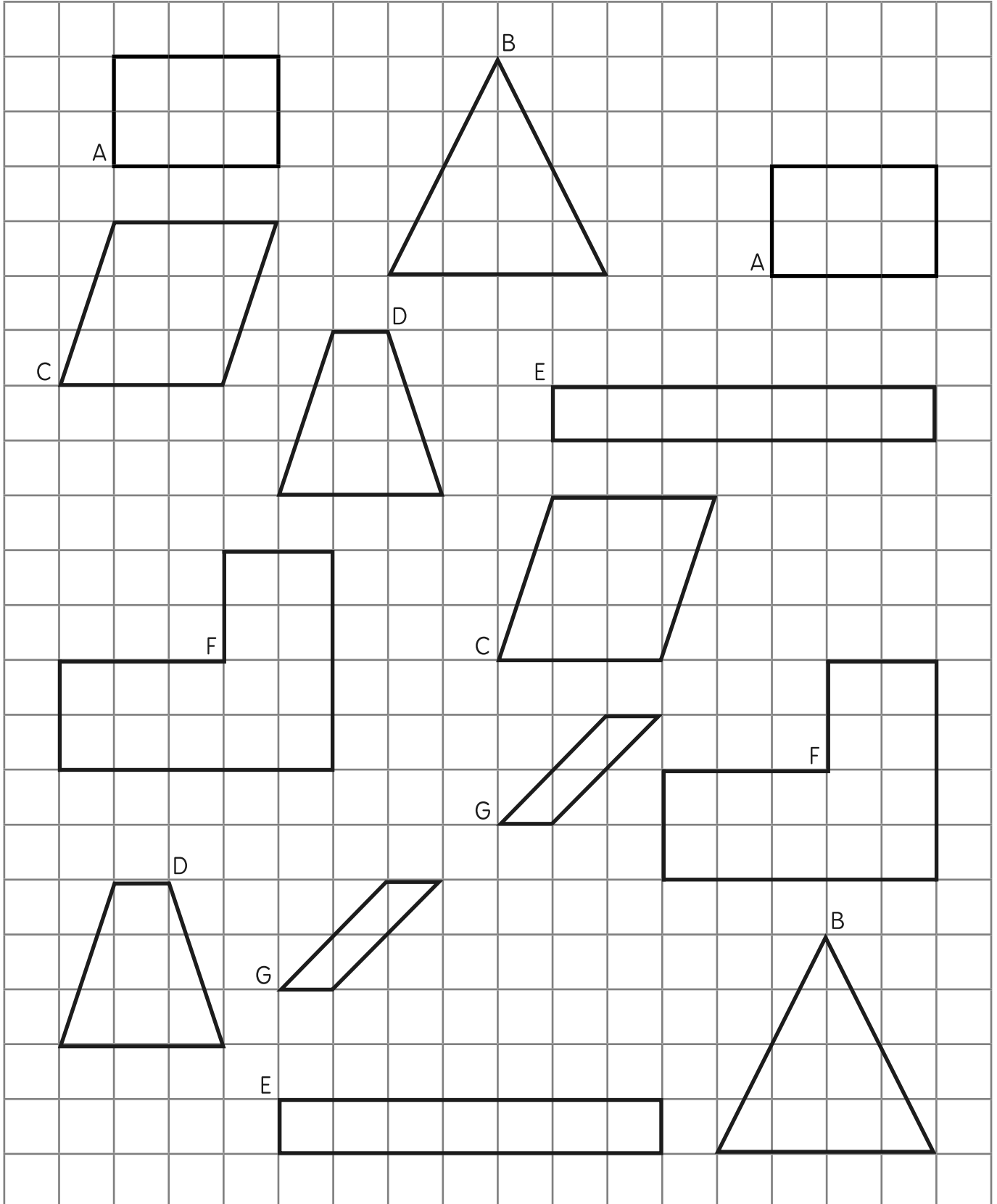


Move point H to (5,6)

Translation of Shapes

Answers

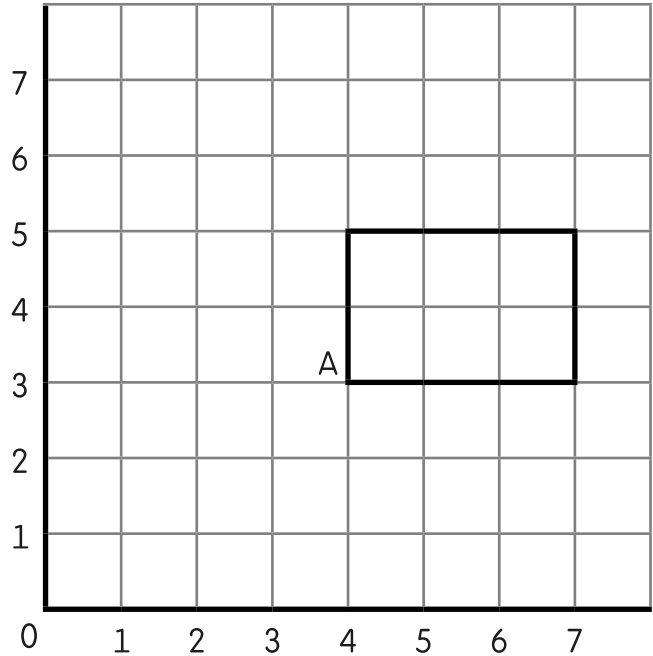
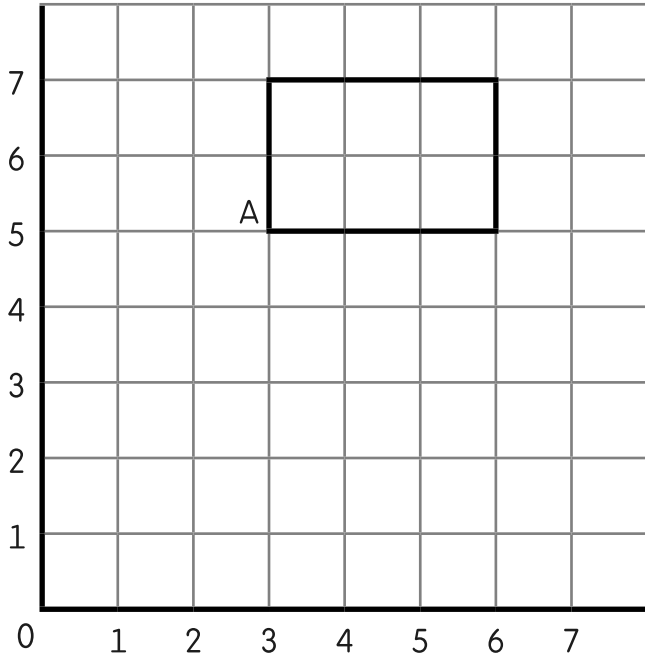
Translate each shape by moving the labelled point of the shape to the point with the same letter.



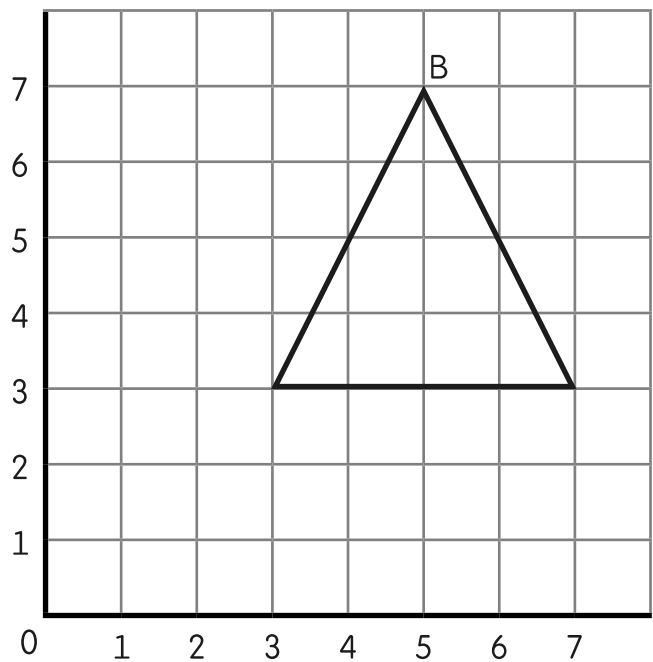
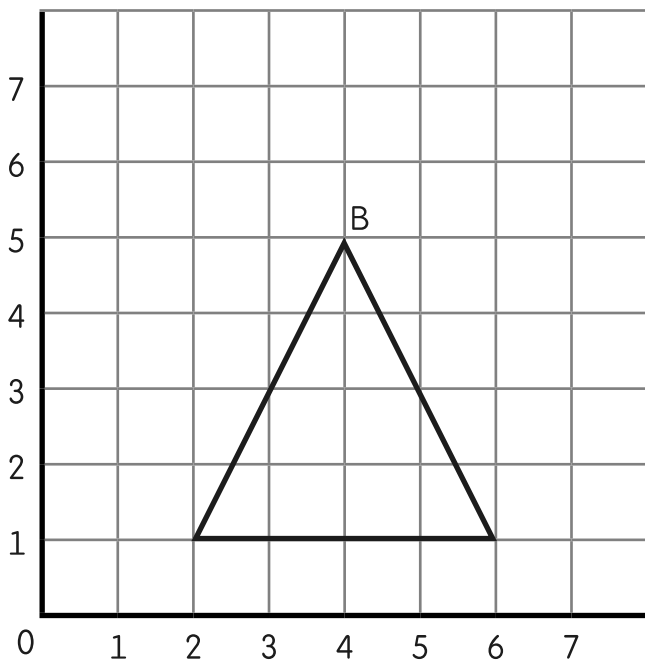
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (4,3)

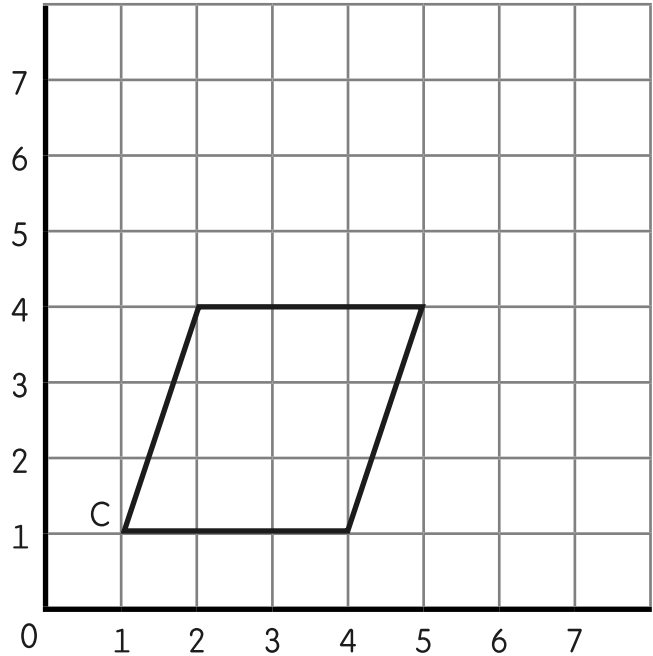
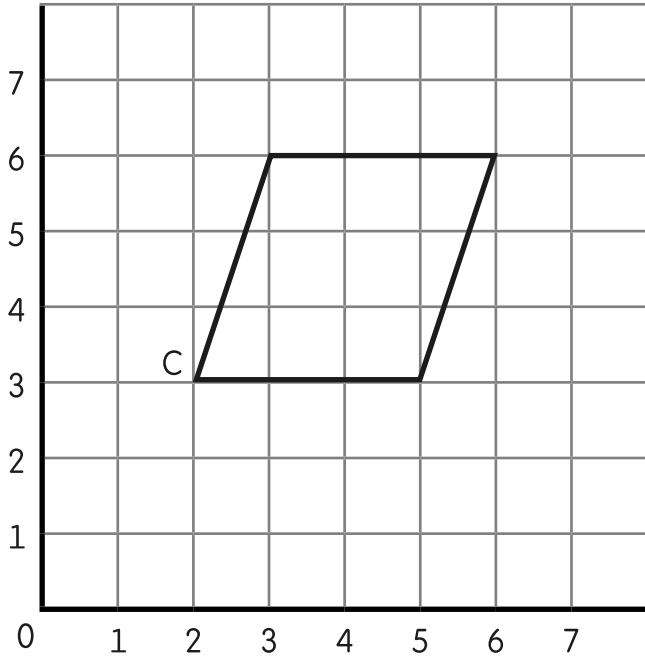


Move point B to (5,7)

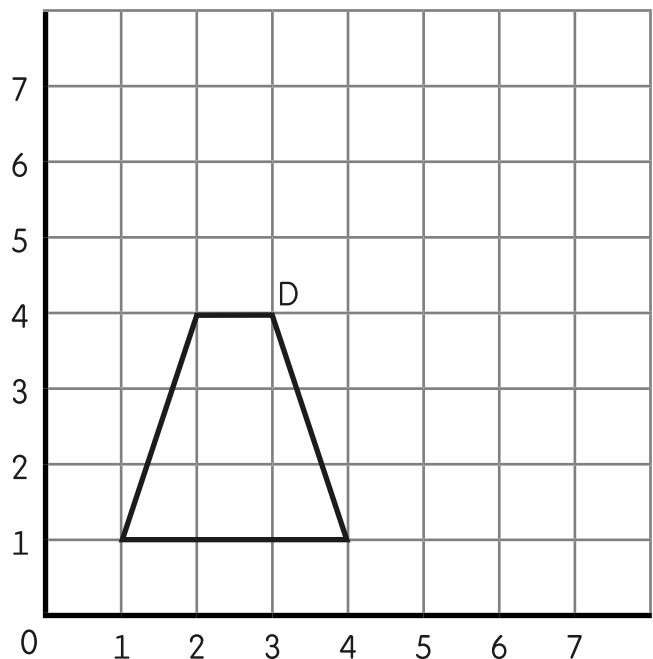
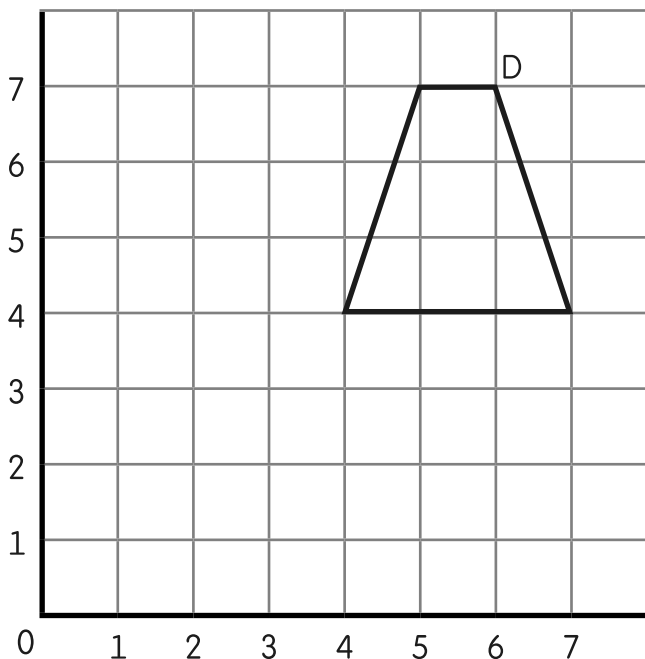
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (1,1)

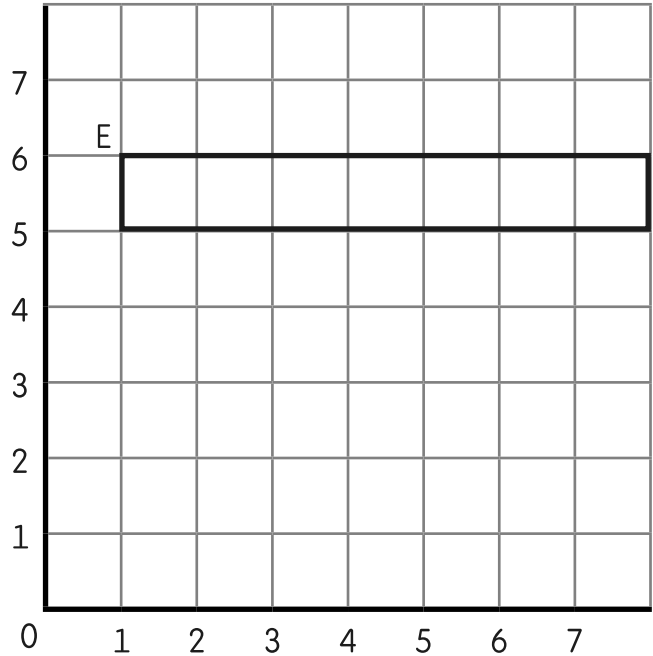
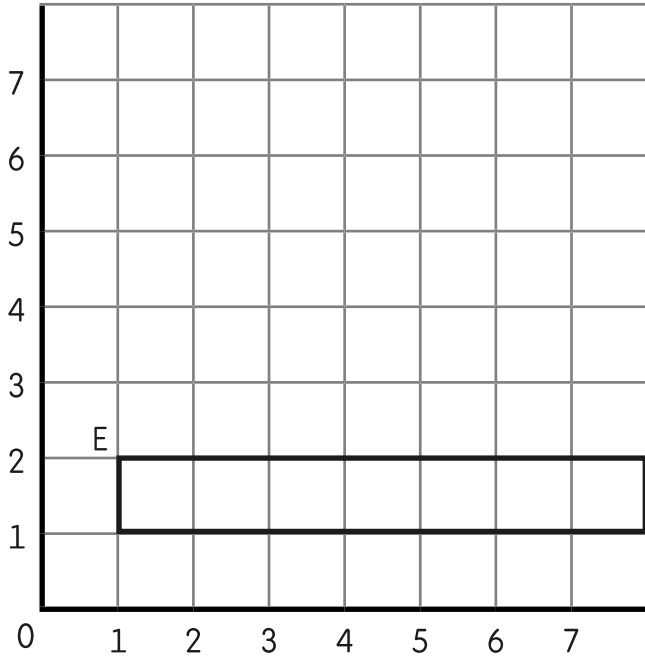


Move point D to (3,4)

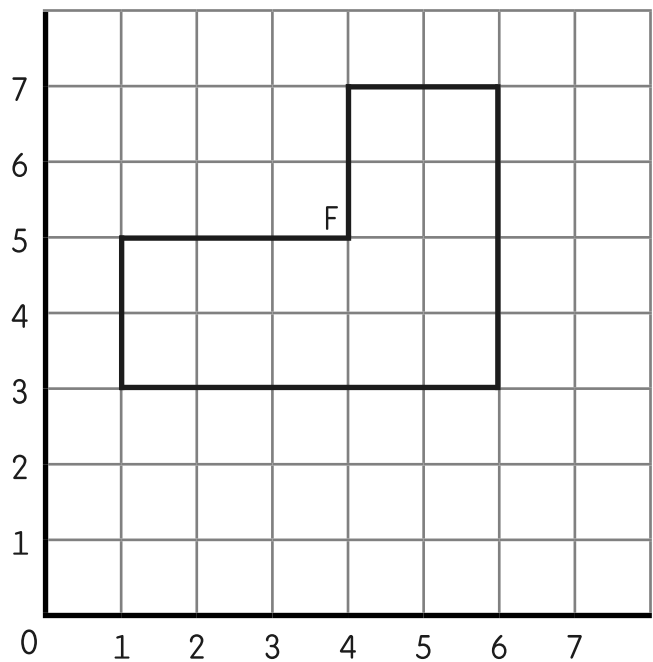
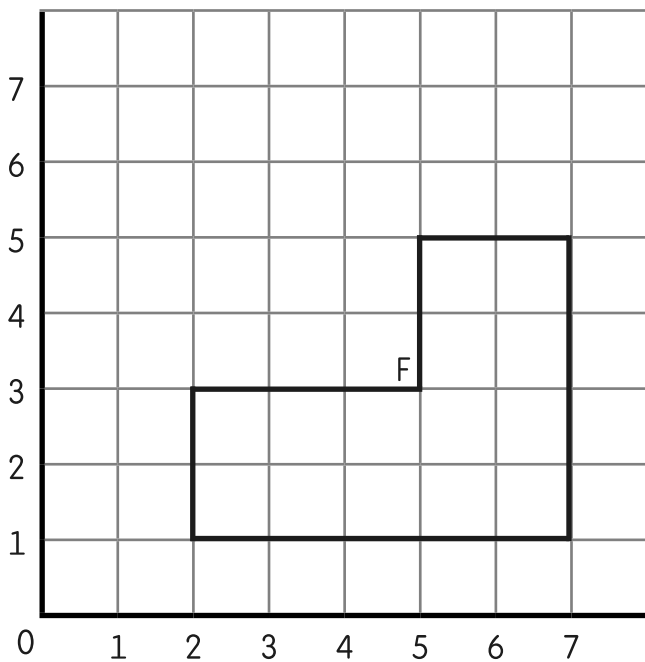
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point E to (1,6)

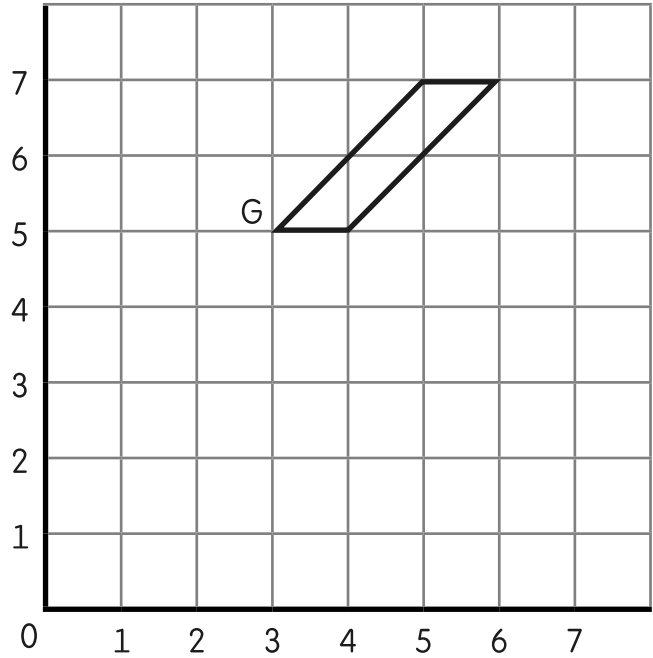
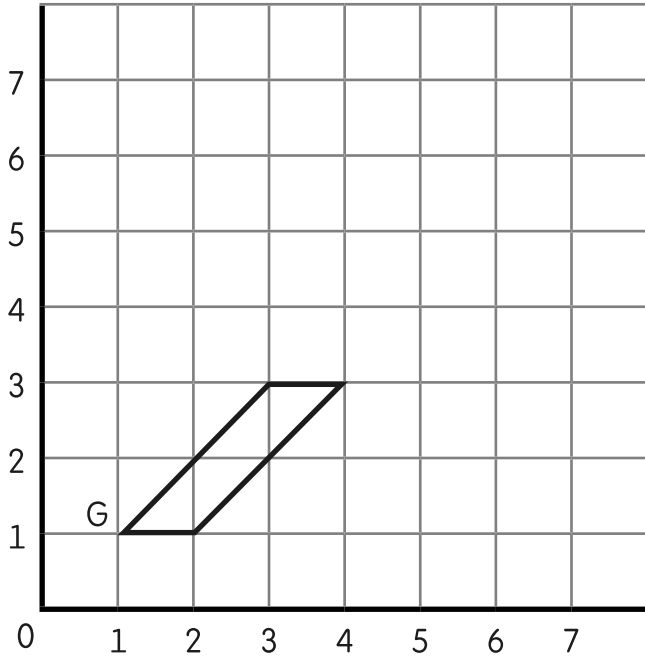


Move point F to (4,5)

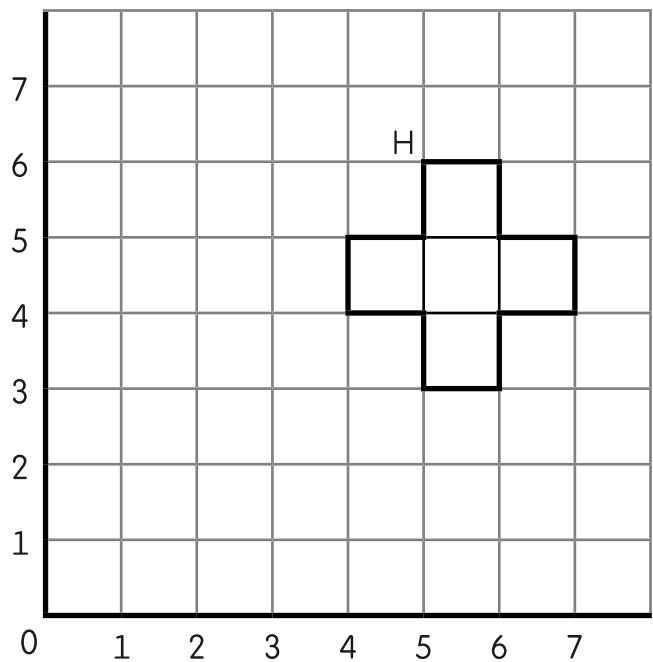
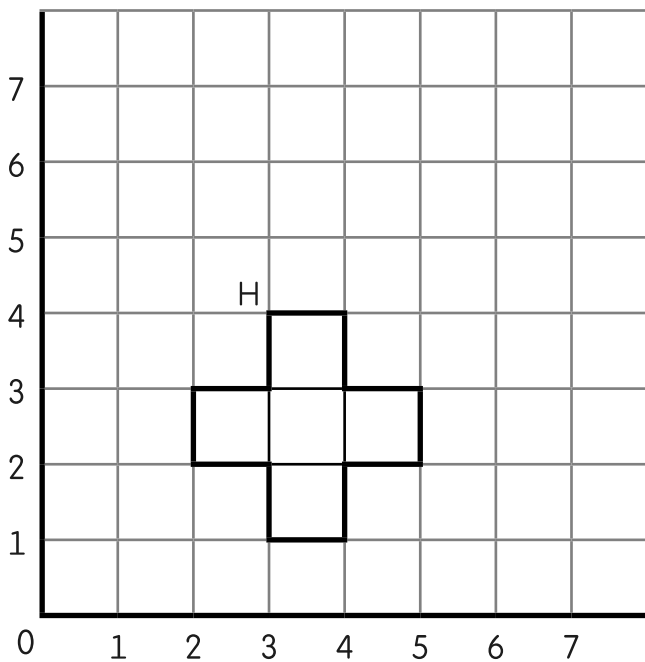
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point G to (3,5)



Move point H to (5,6)

Translation of Shapes

I can translate a shape on a grid.

Translate each shape by moving the labelled point of the shape to the point with the same letter.

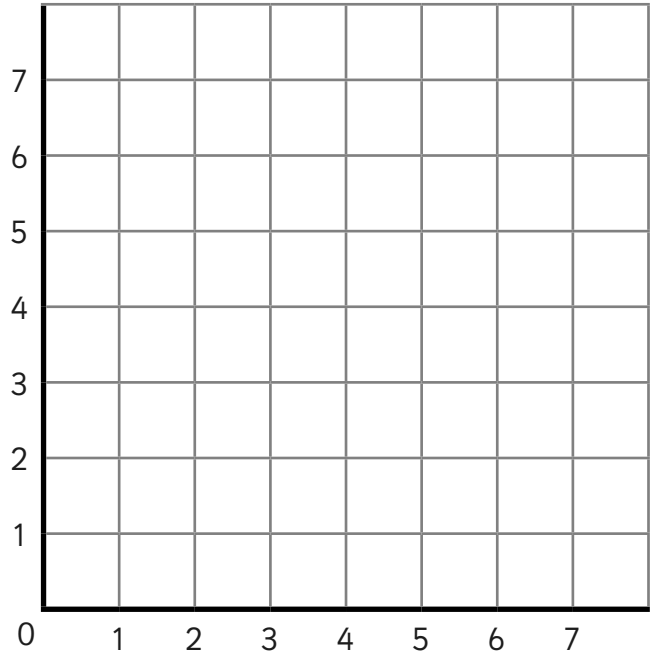
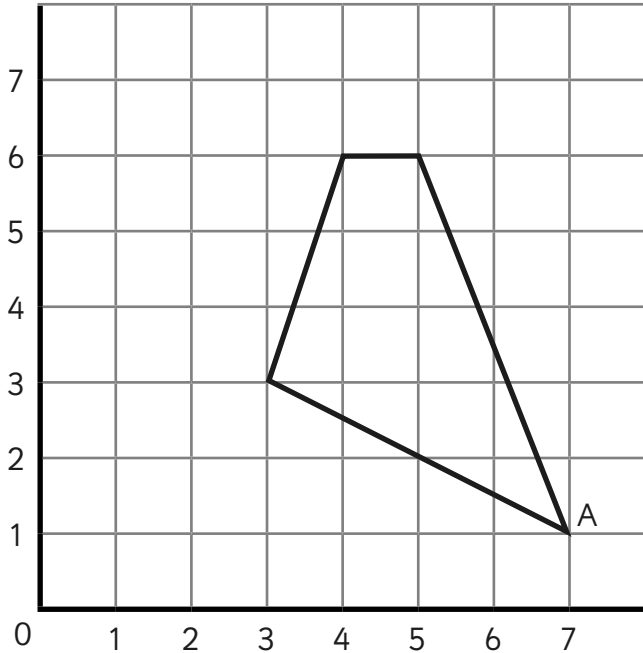
The grid contains four shapes for translation:

- Top-left shape:** A trapezium with a horizontal top side. A point labeled 'A' is at the bottom-right vertex.
- Top-right shape:** A triangle with a point labeled 'B' at its top vertex.
- Middle-right shape:** A triangle with a point labeled 'D' at its top vertex and a point labeled 'A' at its left vertex.
- Bottom-left shape:** A complex polygon with a point labeled 'C' at its top-left vertex.
- Middle-right shape (lower):** A triangle with a point labeled 'D' at its top vertex and a point labeled 'B' at its bottom-left vertex.

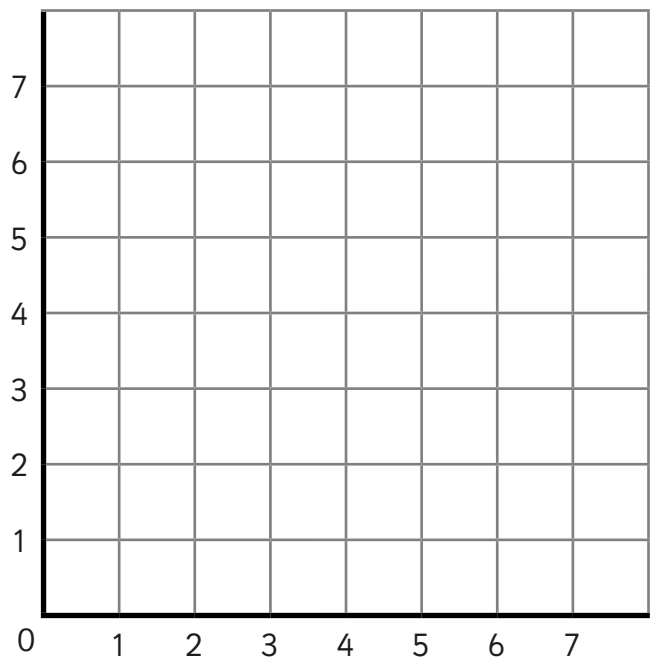
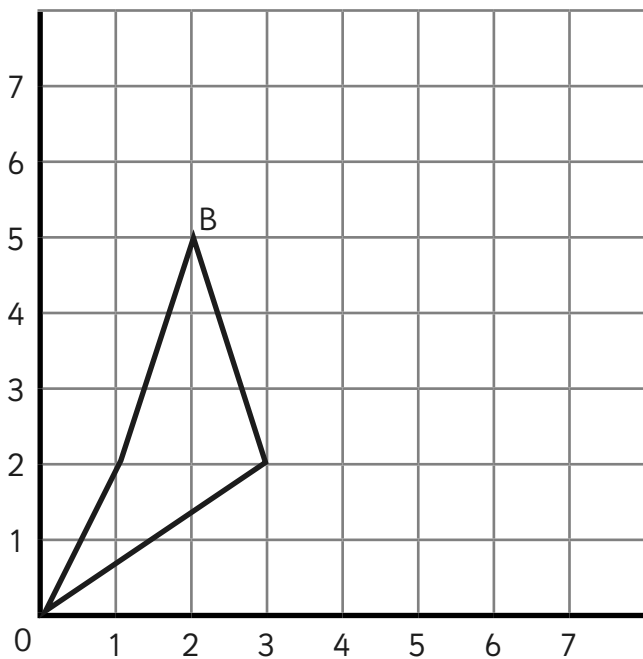
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (5,3)

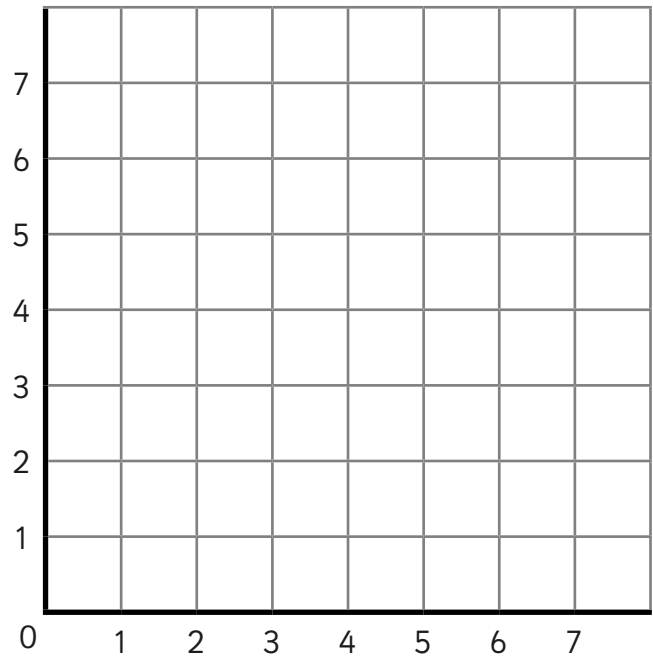
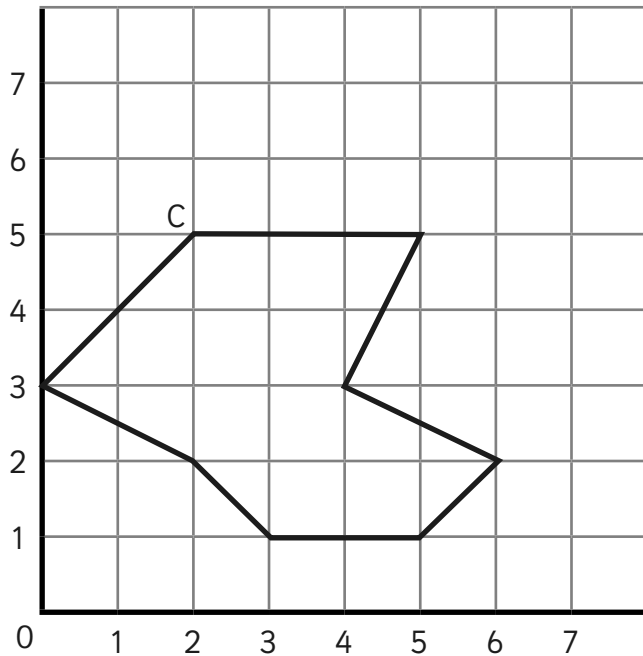


Move point B to (6,7)

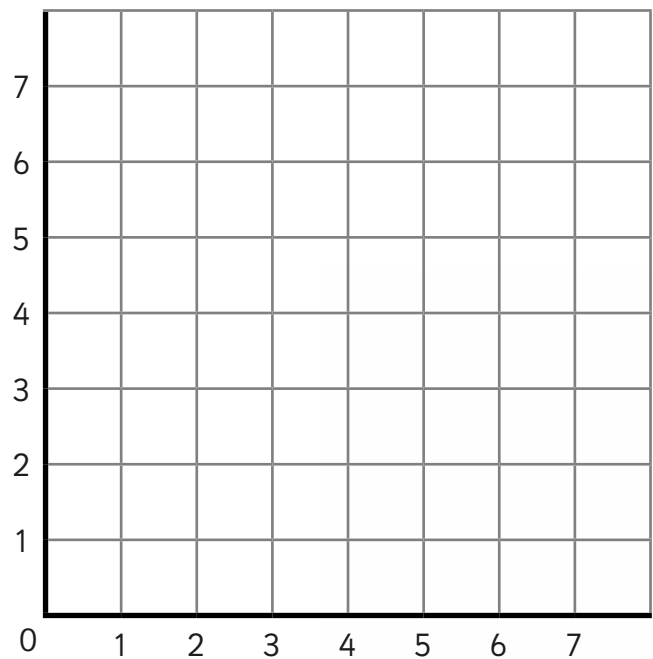
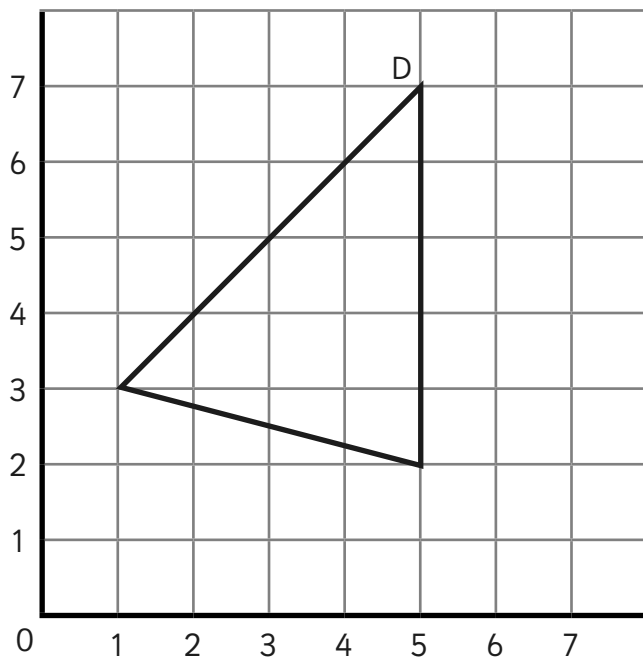
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (4,7)

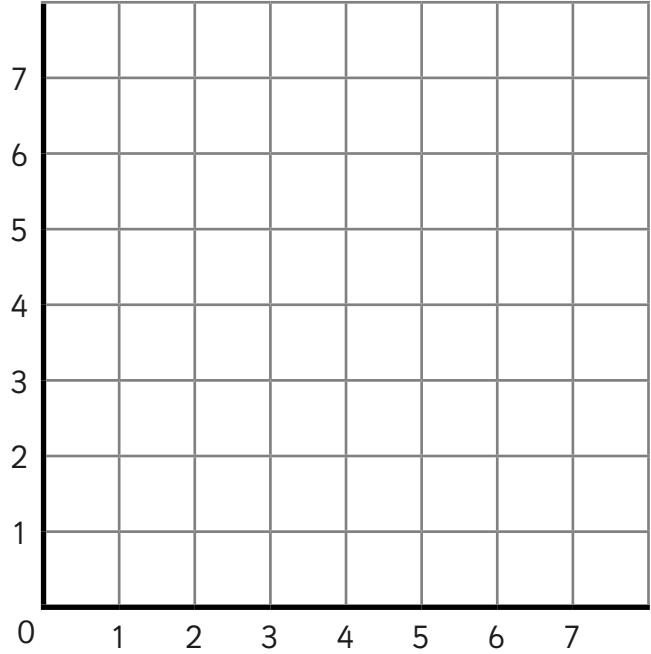
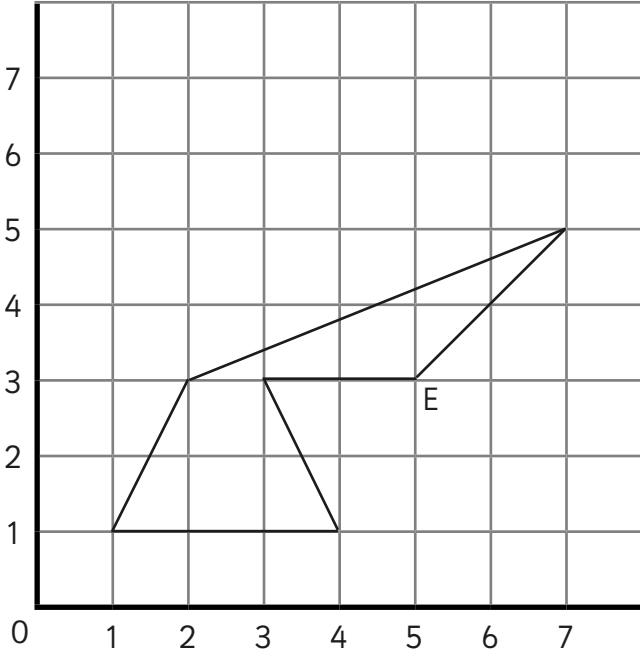


Move point D to (6,6)

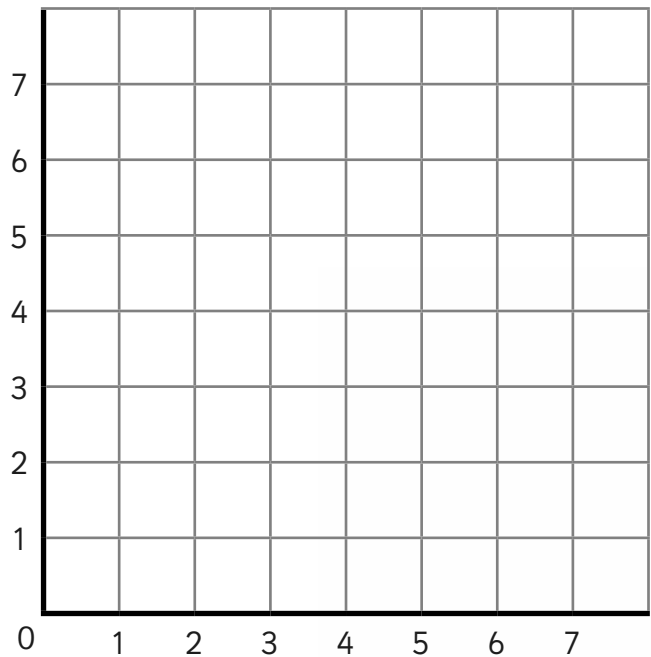
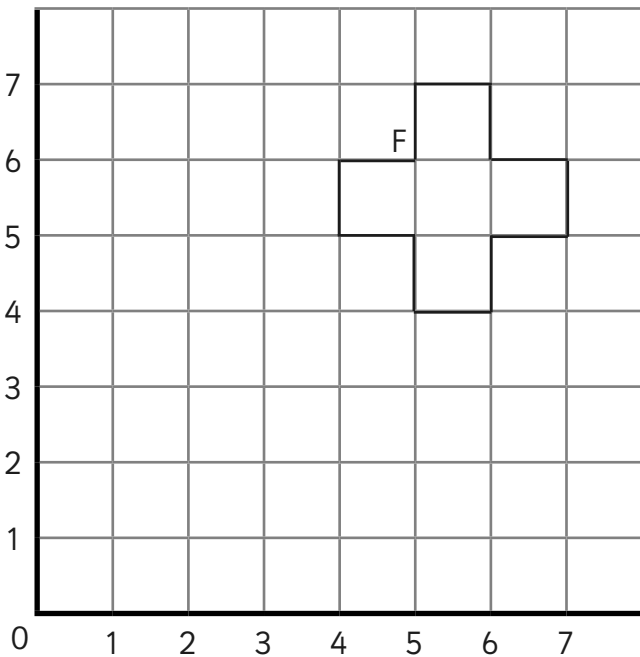
Translation of Shapes

I can translate a shape on a coordinate grid.

Translate the shape on the coordinate grid to the new coordinate grid.



Move point E to (4,5)

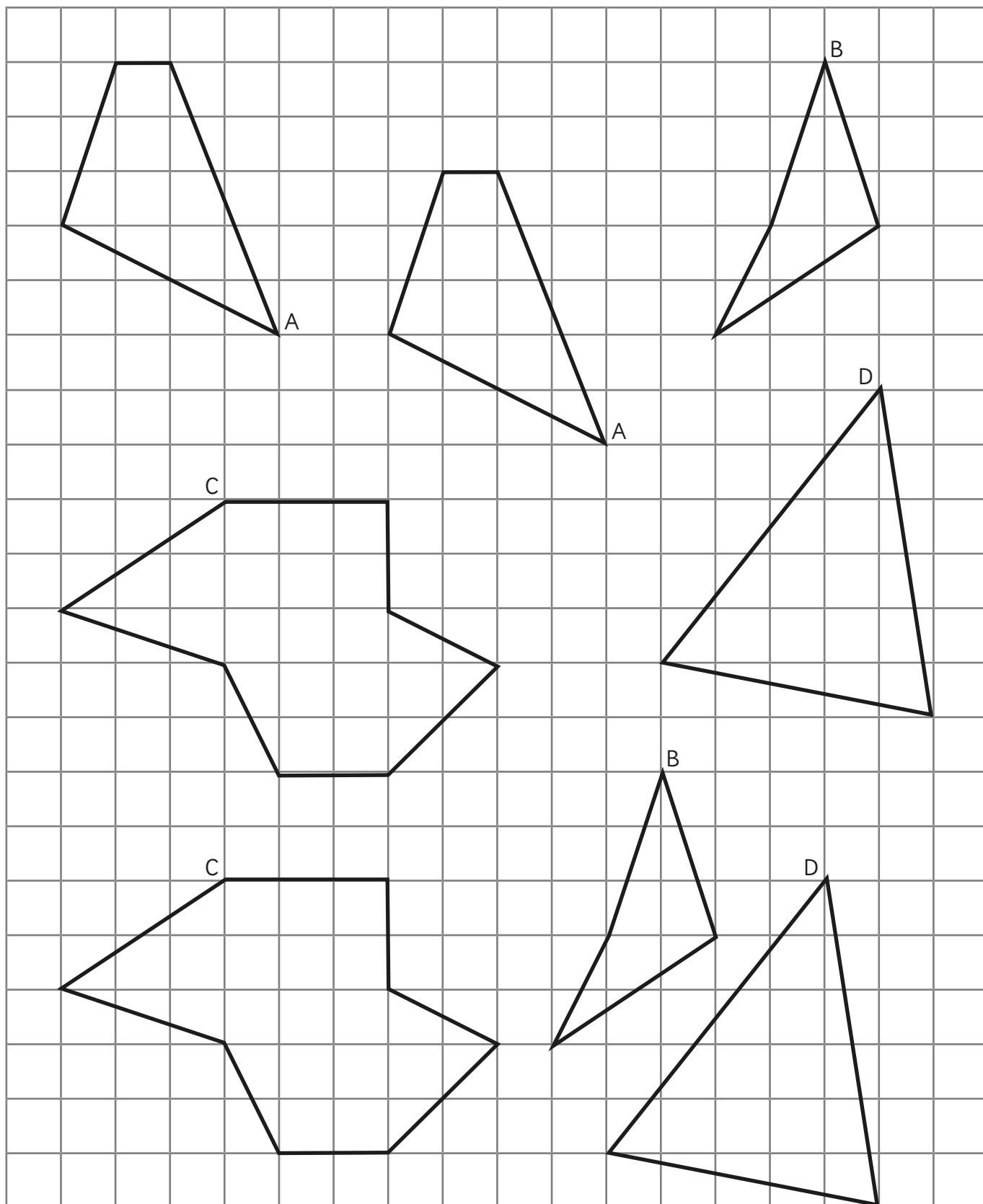


Move point F to (2,3)

Translation of Shapes

Answers

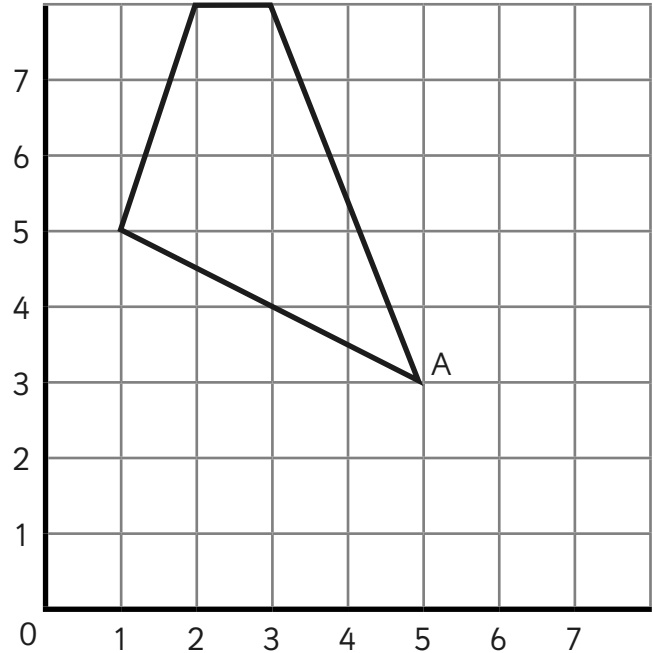
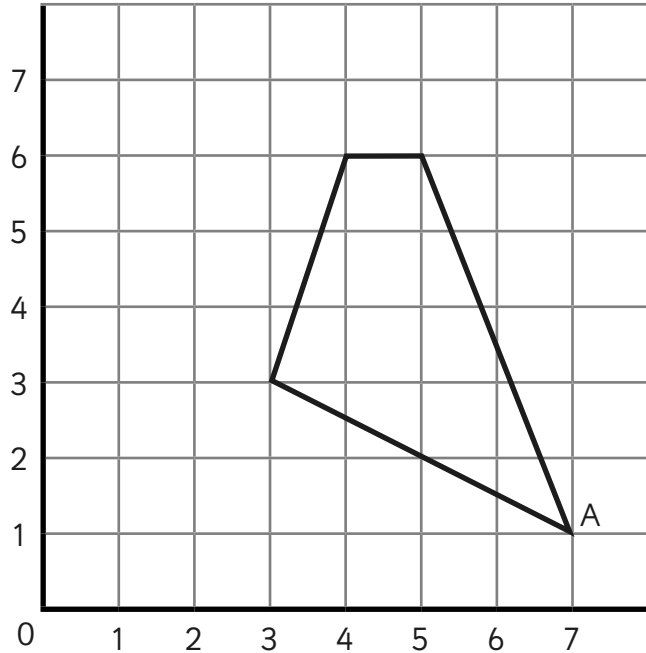
Translate the shape on the coordinate grid to the new coordinate grid.



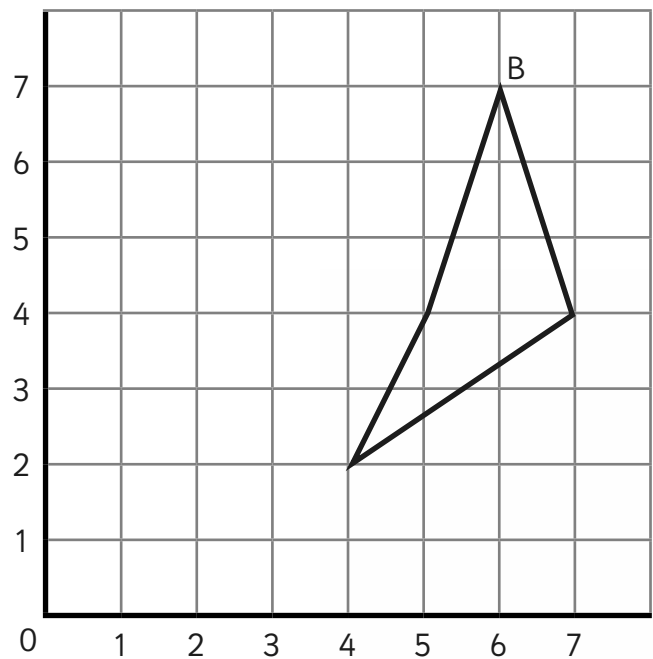
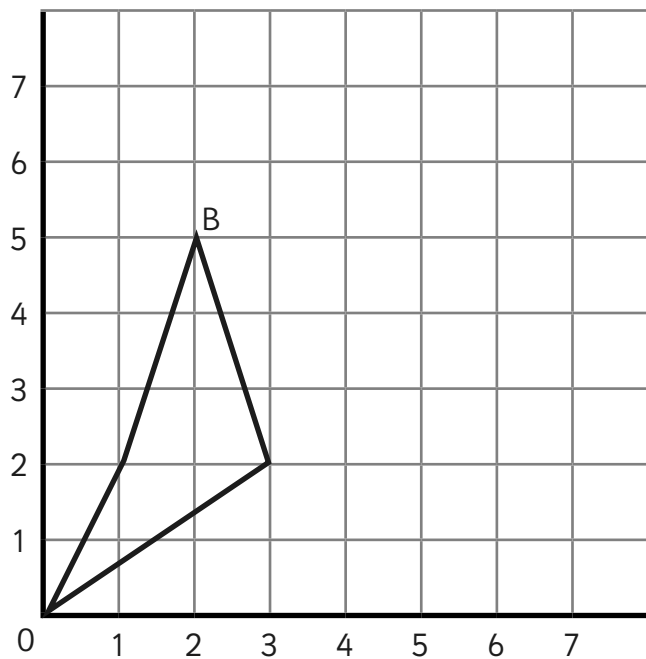
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point A to (5,3)

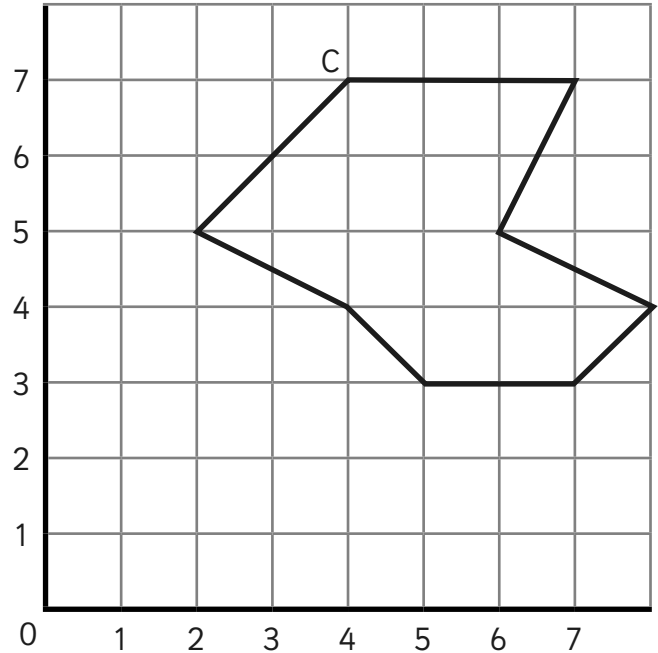
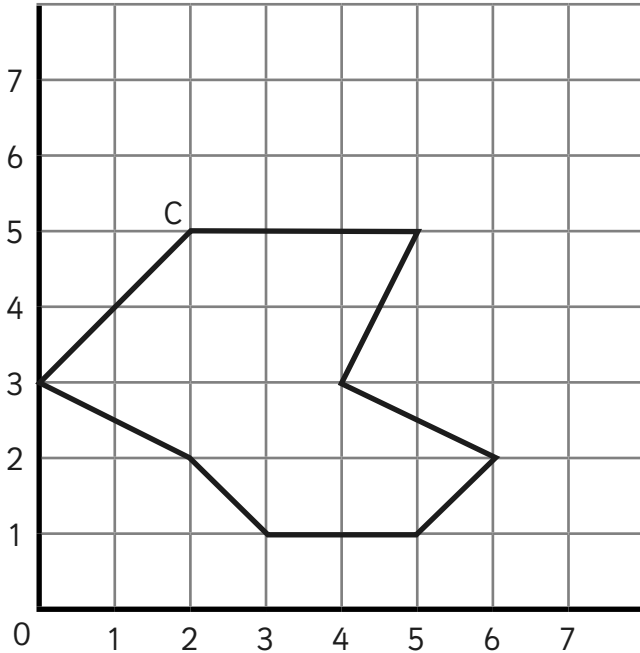


Move point B to (6,7)

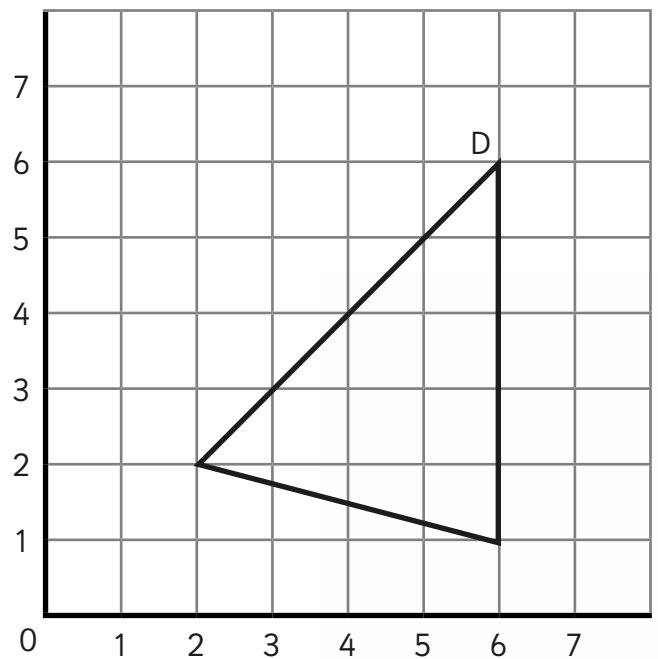
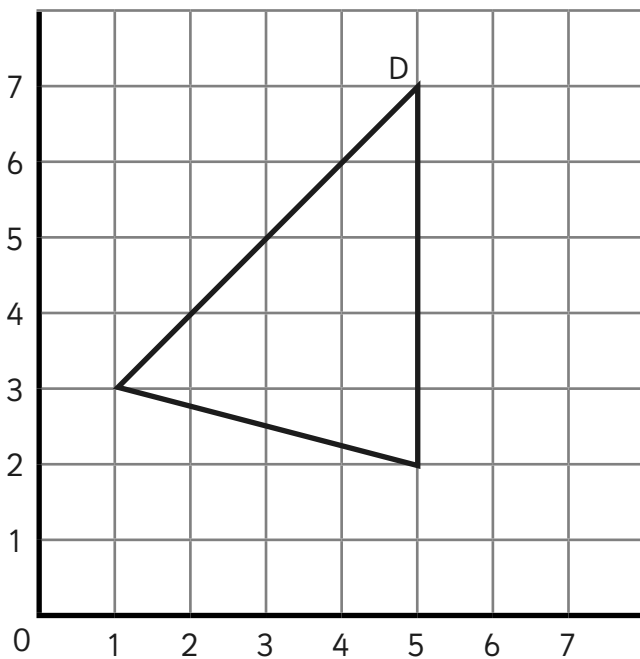
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point C to (4,7)

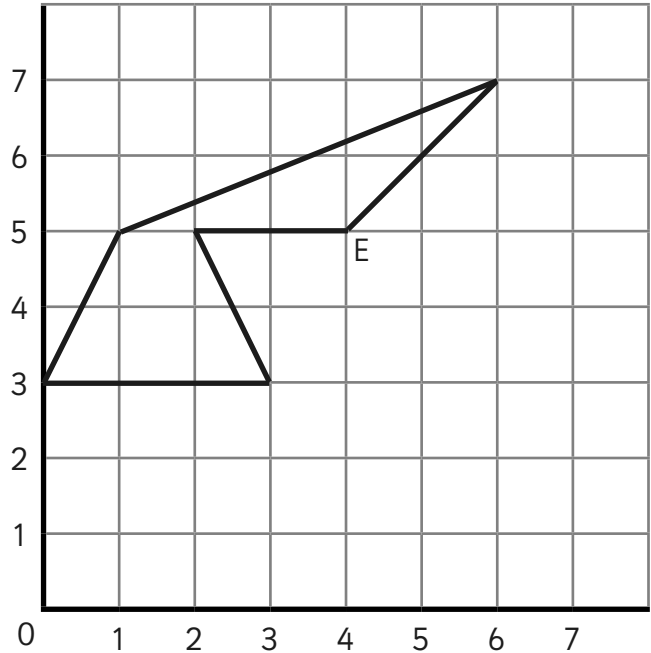
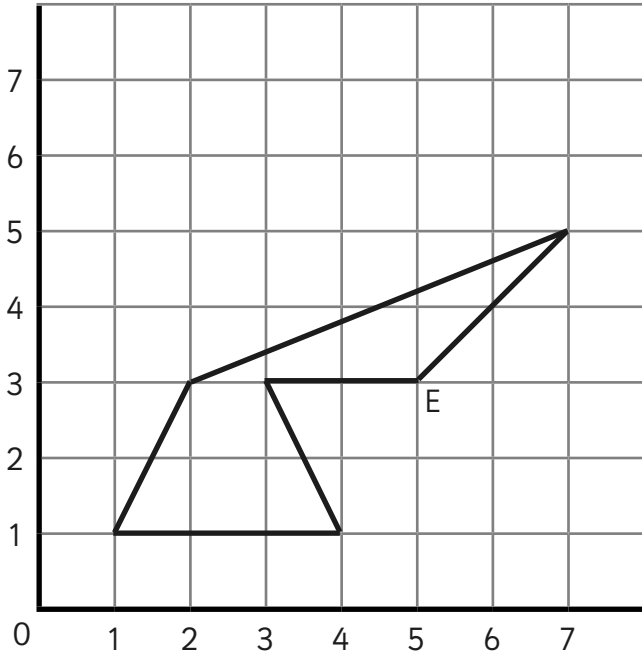


Move point D to (6,6)

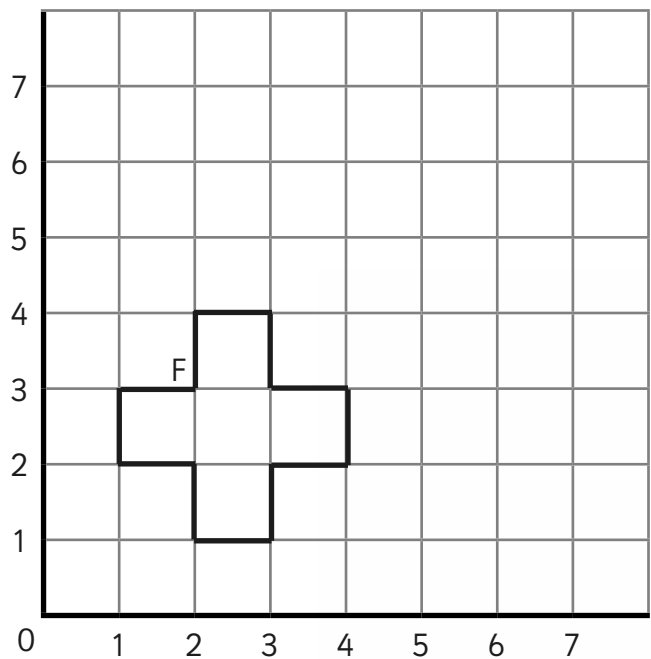
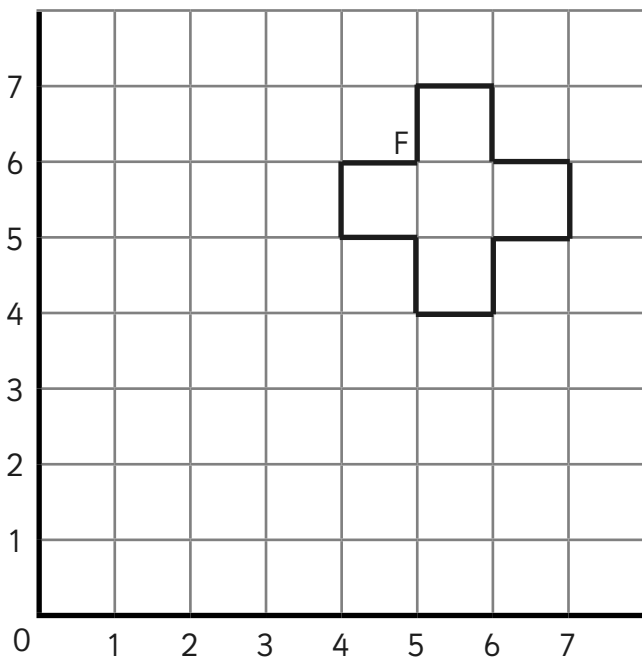
Translation of Shapes

Answers

Translate the shape on the coordinate grid to the new coordinate grid.



Move point E to (4,5)



Move point F to (2,3)