LO: To identify, describe and represent the position of a shape following a rotation.

Rotate each shape and record the new position. Starting from the original position each time, rotate each shape by a quarter turn, half turn, three quarter and full turn and record each new position.

b.




Rotate the arrow $270^{\circ}$ clockwise around point A. Write the coordinates of your new shape.


Rotate $90^{\circ}$ anticlockwise around the point $(2,-1)$



| Rotation | $90^{\circ}$ or $180^{\circ}$ | Clockwise or <br> anticlockwise | Centre of <br> rotation |
| :--- | :--- | :--- | :--- |
| G to D |  |  |  |
| J to K |  |  |  |
| C to B |  |  |  |
| A to B |  |  |  |
| B to G |  |  |  |
| B to F |  |  |  |
| B to I |  |  |  |

