Drawing Transformations

1. Translate A by the vector (-14,2). Label the new shape B.

(2 Marks)
2. Translate \( \mathbf{P} \) by the vector \((14, 7)\). Label the new shape \( \mathbf{N} \). (2 Marks)
3. Rotate J $180^\circ$ about the centre (0,3). Label the new shape L.

(2 Marks)
4. Reflect $o$ along $y = 2$. Label the new shape $i$.  

(2 Marks)
5. Rotate \( d \) \( 90^\circ \) clockwise about the centre \((2,2)\). Label the new shape \( f \).
6. Reflect \( f \) along \( x = -3 \). Label the new shape \( d \).