Practice worksheet | Coordinates and three-dimensional space

Coordinate transformations review

Name: _____ Date: _____

6 questions | 12 marks

1. Translate $(-2, 3)$ four units right and two units down. [2 marks]

2. Reflect $(3, -2)$ in the y-axis. [2 marks]

3. Reflect $(-1, 4)$ in the x-axis. [2 marks]

4. Rotate $(2, 1)$ 90° anticlockwise about the origin. [2 marks]

5. $A(-3, 1)$ moves to $A'(1, -2)$. State the translation. [2 marks]

6. $B(0, -3)$ is reflected in the y-axis. Explain why it does not move. [2 marks]