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]