Practice worksheet | Transformations

Sequences of transformations

Name: _____ Date: _____

6 questions | 14 marks

1. Reflect $(3, 2)$ in the x-axis, then move 1 left and 4 up. [2 marks]

2. Move $(-2, 1)$ 3 right and 2 down, then reflect in the y-axis. [2 marks]

3. Reflect $(4, -1)$ in the x-axis and then in the y-axis. Give the final point and one equivalent rotation. [3 marks]

4. Combine a move of 5 left and 2 up with a move of 3 right and 4 down. [2 marks]

5. A point is reflected in the y-axis twice. Explain the final result. [2 marks]

6. Start at $(1, 2)$. Compare “move 2 up, then reflect in the x-axis” with “reflect in the x-axis, then move 2 up”. [3 marks]