Practice worksheet | Coordinates and transformations

Movement on coordinate grids

Name: _____ Date: _____

6 questions | 10 marks

1. Start at (2, 3). Move 2 right. Give the new coordinates. [1 mark]

2. Start at (4, 5). Move 3 down. Give the new coordinates. [1 mark]

3. Start at (1, 1). Move right 3, up 4, then left 2. Find the endpoint. [2 marks]

4. Give horizontal and vertical directions from A(2, 5) to B(6, 2). [2 marks]

5. A robot moves right 2 and down 3, finishing at (5, 1). Find its start. [2 marks]

6. Two routes go from (1, 1) to (4, 3). A goes right 3 then up 2; B goes up 2 then right 3. Compare their lengths along grid lines. [2 marks]