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]