THE GREAT COORDINATE MYSTERY

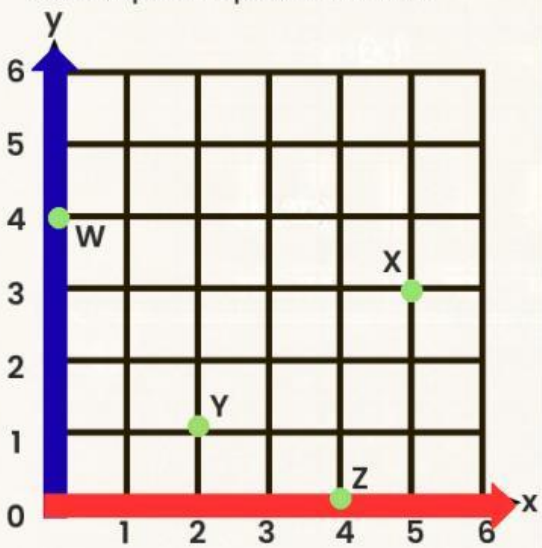
YEAR 5 MATHEMATICS – ASSESSMENT

Name: _____ Class: _____ Date: _____

Instruction: Read each question carefully and write your answers in the spaces provided.

PART A

Instruction: Study the coordinate map.
Each square represents 1 unit.



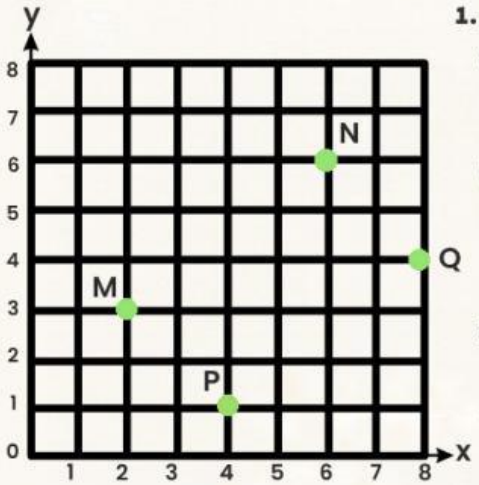
Points	Horizontal distance	Vertical distance
W and X	5 units	
W and Y		
X and Y		
Y and Z		

Helpful Clues

- Each square = 1 unit.
- Horizontal distance: Move right / left
- Vertical distance: Move up / down

PART B

Instruction: Read each statement and calculate the distances or find the missing coordinates.



1. Point M is at (2, 3) and point N is at (6, 6).
   a. What is the horizontal distance between M and N?

   Answer: _____ units

   b. What is the vertical distance between M and N?

   Answer: _____ units

2. Point P is at (4, 1) and point Q is at (8, 4).
   a. What is the horizontal distance between P and Q?

   Answer: _____ units

   b. What is the vertical distance between P and Q?

   Answer: _____ units

Helpful Hints

- To find the horizontal distance, compare the x-values.
- To find the vertical distance, compare the y-values.
- If you are missing a coordinate, look for the direction (horizontally or vertically).

CASE CLOSED!

Well done, Detective! Keep practising and solving mathematical mysteries.