THE GREAT COORDINATE MYSTERY

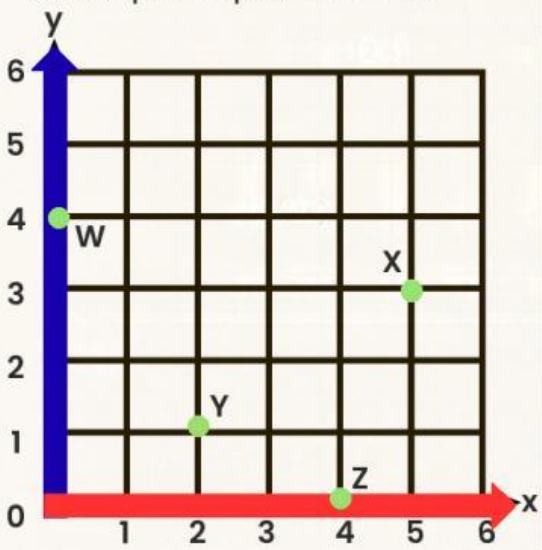
YEAR 5 MATHEMATICS – ASSESSMENT

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.



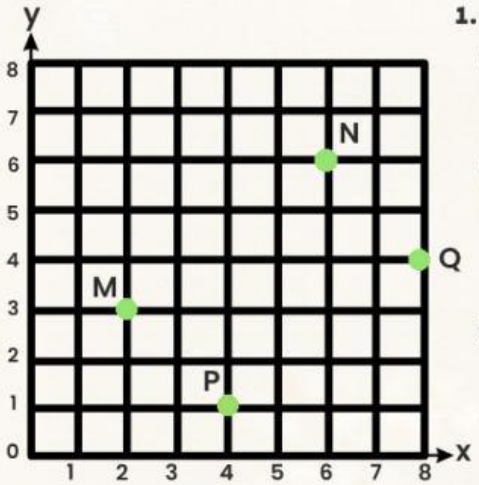
Points	Horizontal distence	Vertical distance
W and X	5 units	
W and Y		
X and Y		
Y and Z		

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.

THE GREAT COORDINATE MYSTERY

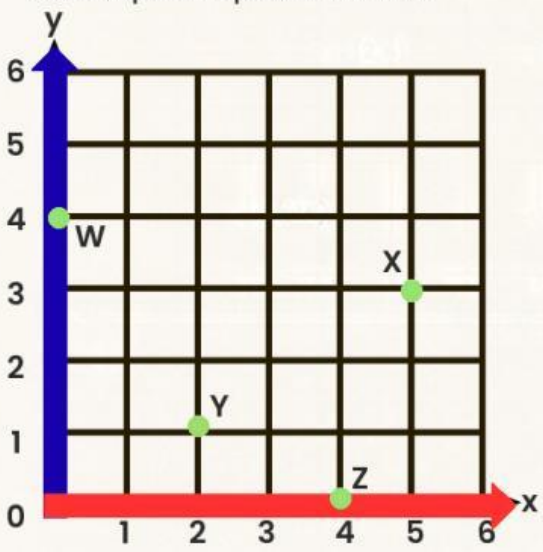
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PART A

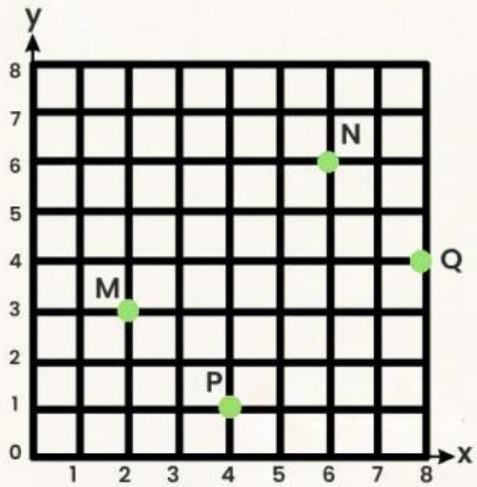
Instruction: Study the coordinate map.
Each square represents 1 unit.



Points	Horizontal distence →	Vertical distance ↑
W and X		
W and Y		
X and Y		
Y and Z		

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?**

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

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

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

CASE CLOSED!

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

LIVEWORKSHEETS

THE GREAT COORDINATE MYSTERY

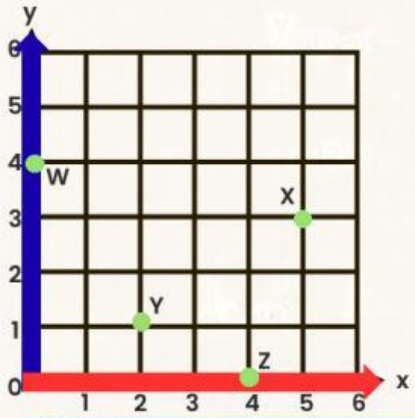
YEAR 5 MATHEMATICS – ASSESSMENT

Name: _____ Class: _____ Date: _____

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

PART A

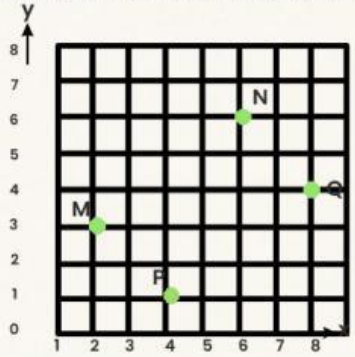
Instruction: Study the coordinate map. Each square represents 1 unit.



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

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?

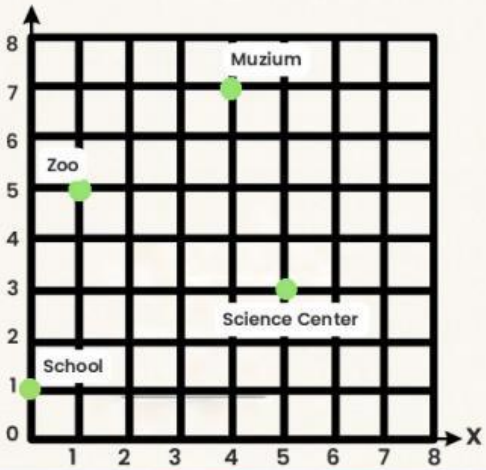
   b. What is the vertical distance between M and N?

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

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

PART C

Instruction: Use your knowledge of coordinates to solve these daily-life problems.



1. The school bus departs from the school, travels a horizontal distance of 5 units and a vertical distance of 3 units, and arrives at its destination. Where is the school bus's destination?

2. School is over. James leaves the school, moving 4 units horizontally and 6 units vertically. Where did James go?

★ CASE CLOSED! ★

Well done, Detective! Keep practising and solving mathe[illegible]