

MATHEMATICS YEAR 5

UNIT 7 : COORDINATE

7.1 Coordinates in the first quadrant

7.1.1 Determine horizontal distance and vertical distance between two coordinates.

WATCH THE VIDEO. THEN, ANSWER THE QUESTIONS.

Question 1

What is the coordinate of origin?

A $(1, 1)$

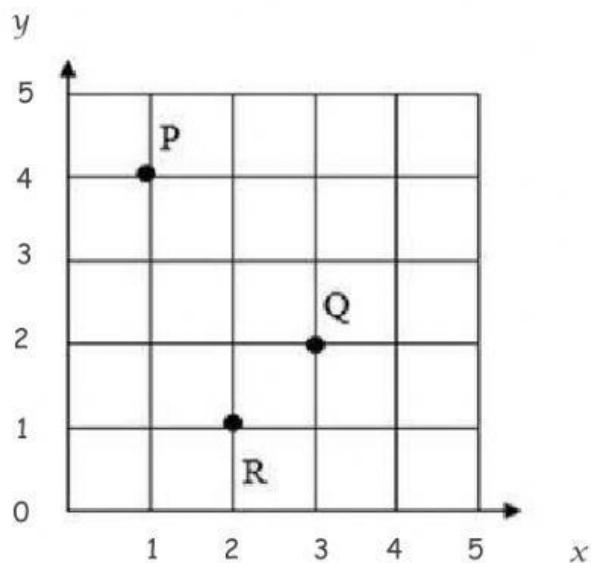
B $(0, 0)$

C $(2, 3)$

D $(1, 1)$

Question 2

Based on the Cartesian plane, answer the questions below.



- a) What is the horizontal distance of P from origin?
 - A 0 unit
 - B 1 unit
 - C 2 units
 - D 3 units

- b) What is the vertical distance of Q from origin?
 - A 0 unit
 - B 1 unit
 - C 2 units
 - D 3 units

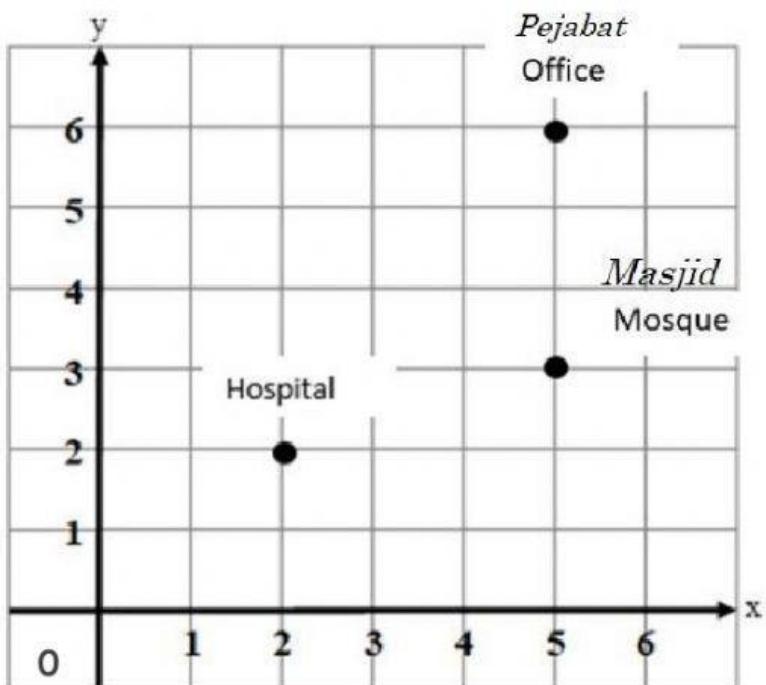
- c) What is the vertical distance of Q from P?
 - A 0 unit
 - B 1 unit
 - C 2 units
 - D 3 units

d) State the coordinate of point Q.

A	(4, 2)	B	(2, 3)
C	(3, 2)	D	(0, 1)

Question 3

The Cartesian plane below shows the location of three buildings. Answer the questions below based on the Cartesian plane.



a) Which building is located at (2, 2)?

A	Office	B	Hospital
C	Mosque	D	Origin

b) What is the vertical distance of Office from Hospital?

A 1 unit B 2 units
C 4 units D 3 units

c) What is the horizontal distance of Mosque from origin?

A 5 units B 1 unit
C 3 units D 2 units

d) What is the total distance of Mosque from Hospital?

A 2 units B 4 units
C 6 units D 8 units

e) Which building is located 6 units vertically from x -axis?

A Hospital B Office
C Mosque D Origin