

Coordinate Geometry Test - 2

- SEC A
- Q1  $(-, +)$
  - Q2 (c) 8 units
  - Q3 II Quadrant
  - Q4 ~~A(-3, 2)~~  
• B(5, 4)  
• C(-6, 5)  
• D(2, -2)

SEC B

- Q5 A(1, 3)
- B(1, -1)
- C(7, 1)
- D(7, 3)

Diagonal  $\Rightarrow$  Point of intersection = (4, 1)

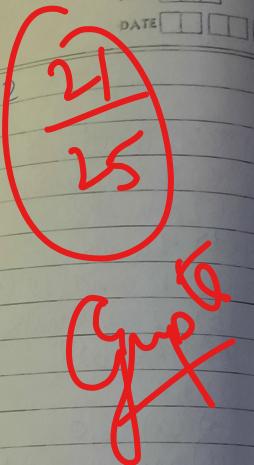
- Q6 A(3, 0)
  - B(-2, -1)
  - C(2, -1)
- coordinates of points of A in mirror image in x-axis

- Q7  $P = (0, 4)$  X

- Q8 Area of  $\triangle = \frac{1}{2} \times b \times h$

$$= \frac{1}{2} \times 3 \times 3$$

$$= 9 \text{ sq. units}$$



Graph

Q9  $A = l \times b$   
 $= 6 \times 2$   
 $= 12 \text{ sq. units.}$

- Q10 Rhombus

They are planting trees and helping in cleaning the environment.

Pentagon

