

Mathematics

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(Chapter – 3) (Coordinate Geometry)(Exemplar Problems)

(Class – IX)

Exercise 3.1

Write the correct answer in each of the following:

Question 15:

If the coordinates of the two points are P (–2, 3) and Q(–3, 5), then (abscissa of P) – (abscissa of Q) is

- (A) – 5 (B) 1 (C) – 1 (D) – 2

Answer 15:

- (B) 1

Solution:

We have, points P(–2, 3) and Q(–3, 5) Here abscissa of P i.e., x-coordinate of P is –2 and abscissa of Q i.e., x-coordinate of Q is –3 .So, (Abscissa of P) – (Abscissa of Q) = – 2 – (– 3) = – 2 + 3 = 1

