

Name :

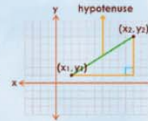
Class :



Distance formula

The distance formula in coordinate geometry is used to calculate the distance between two given points

Distance Formula
 $D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$
($x_2 - x_1$) = the change in x
($y_2 - y_1$) = the change in y



Find the distance between the points. Round the answer to two decimal places

1) (1, 3), (5, 7)

5.66

2) (-8, -9), (-4, -10)

4.12

3) (10, 6), (1, -4)

13.45

4) (3, 2), (8, 2)

5

5) (9, -3), (-1, 8)

14.87

6) (10, 0), (0, 4)

10.77

7) (-7, -2), (6, 9)

17.03

8) (-6, 5), (8, -3)

16.12

9) (-5, -6), (-9, -4)

4.47

10) (2, 0), (-7, 1)

9.06