

Name :

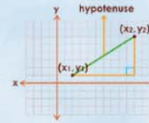
Class :



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 to nearest hundredth when necessary.

1)

(8, 6), (-3, 1)

12.08

2)

(5, -1), (7, 9)

10.20

3)

(-3, 1), (9, 6)

13

4)

(2, 1), (7, 3)

5.39

5)

(-5, 3), (7, 6)

15

6)

(7, 5), (2, 8)

5.83