

Name :

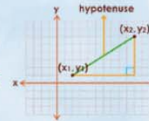
Class :



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. For decimal points, round to the nearest hundredth

1)

(2.1, -4.6) , (2.6, 1.1)

5.72

2)

(-4.2, 3.7) , (1.2, 1.1)

5.99

3)

(2.9, 2.7) , (3.5, 1.3)

1.52

4)

(2.5, 1.3) , (1.5, 1.6)

1.04

5)

(3.6, -3.4) , (2.4, 2.8)

6.32

6)

(-1.3, 1.6) , (-4.6, 2.9)

3.55

7)

(4.2, 2.9) , (4.0, 3.6)

0.73

8)

(2.9, 3.5) , (-2.3, 2.6)

5.28