

Name :

Class :



Distance formula

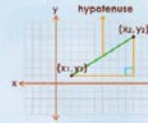
The distance formula in coordinate geometry is used to calculate the distance between two given points

Distance Formula

$$D = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

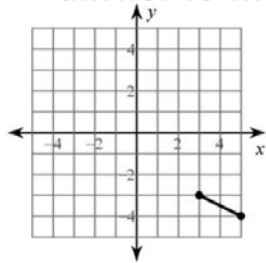
$(x_2 - x_1)$ = the change in x

$(y_2 - y_1)$ = the change in y



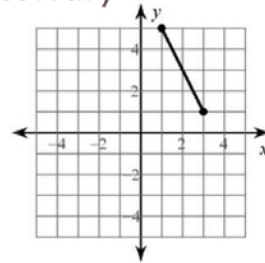
Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary

1)



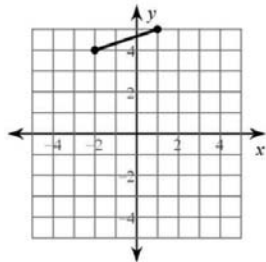
2.2

2)



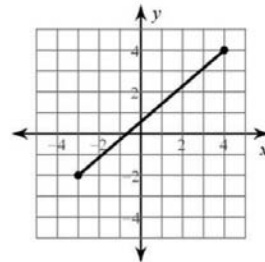
4.5

3)



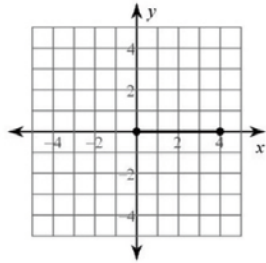
3.2

4)



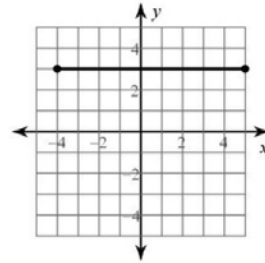
9.2

5)



4

6)



9