

Name :

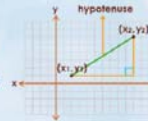
Class :



# Distance formula

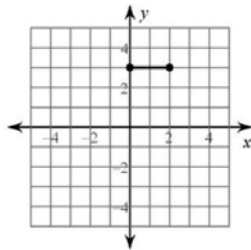
The distance formula in coordinate geometry is used to calculate the distance between two given points

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



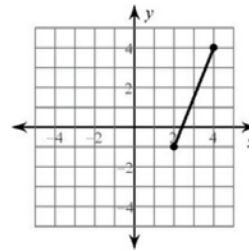
Find the distance between each pair of points. Round your answer to the nearest tenth, if necessary

1)



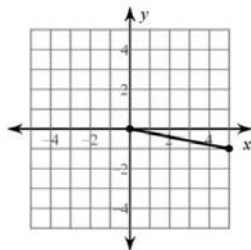
2

2)



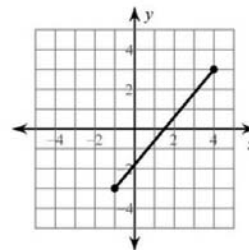
5.4

3)



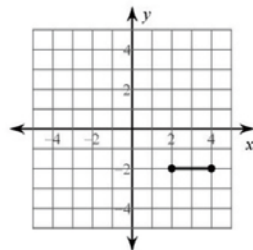
5.1

4)



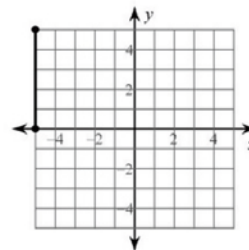
7.8

5)



2

6)



5