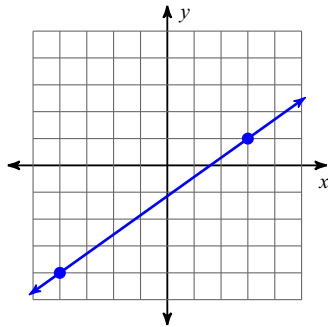


## How Steep is the Line?

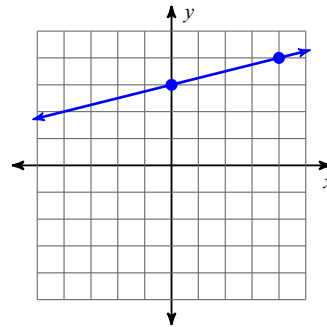
Date \_\_\_\_\_ Period \_\_\_\_\_

In Algebra we use a number to describe the steepness of a line. This number can be found by writing the ratio of the lines vertical change to the lines horizontal change. To find this ratio, draw a right triangle so that the distance between the two given points is the hypotenuse, then determine the ratio of the length of the vertical leg to the length of the horizontal leg.

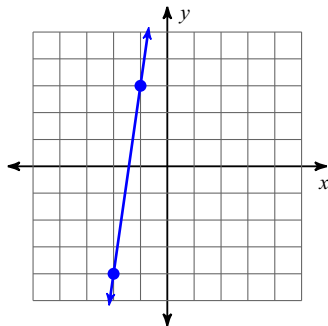
1)



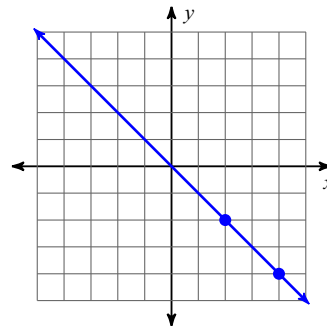
2)



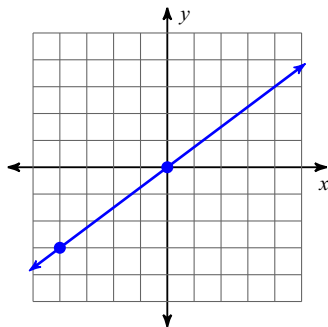
3)



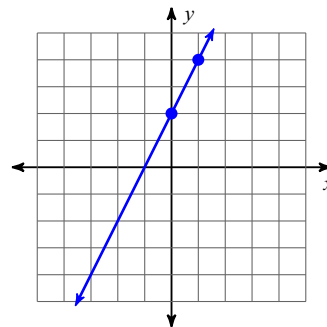
4)



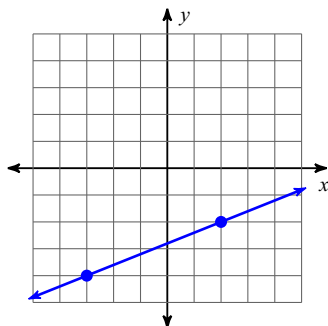
5)



6)



7)



8)

