

# Rate of Change and Slope Assignment

Determine whether the rate of change is constant for each data set. If yes, identify the rate of change both numerically and in words.

## 1. Football Game's Stats

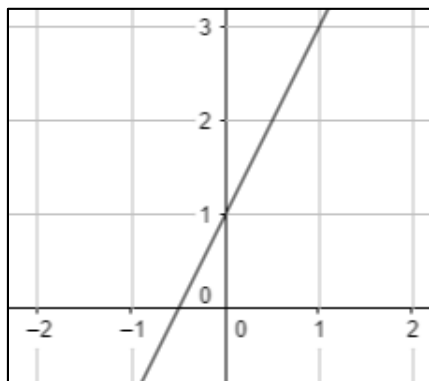
Game	Goals
1	3
2	6
3	9

## 2. Distance Covered

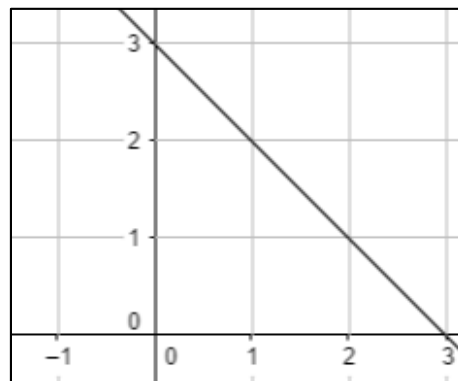
Hours	Distance
1	50
2	150
3	80

Find the slope of each line given below.

1.

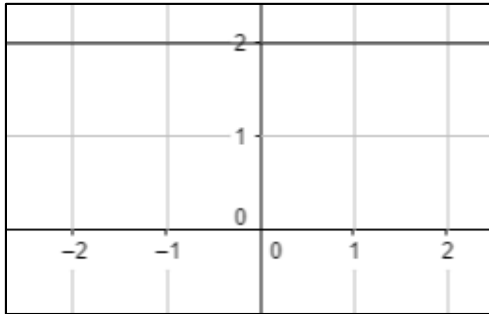


2.

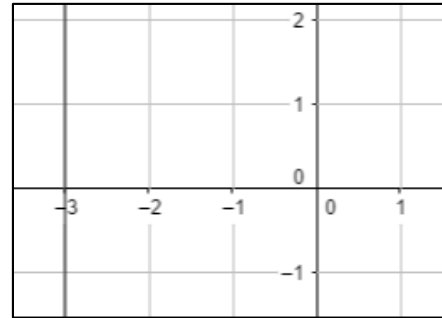


# Rate of Change and Slope Assignment

3.



4.



Find the slope of the line passing through the points given below.

1.  $(2, 1)$  and  $(3, 3)$

2.  $(-1, -4)$  and  $(0, -7)$

3.  $(1, 0)$  and  $(-4, 2)$

4.  $(8, -4)$  and  $(-6, -3)$