Algebra 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6-1 Rate of Change and Slope Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_

Find the rate of change in each table below. Show your work. Explain what the rate of change means in each example.

1) 2)

 

Rate of change \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Rate of change \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Explanation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Explanation \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) 4)

 

Use the slope formula, , to calculate the slope from each table. Show your work.

5) 6)

 

Slope = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Slope = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the slope formula, ,to find the slope of the line containing the two given points. Show your work.

7) (-4, 1), (6, 3) 8) (-3, 2), (-9, 4) 9) (0, 1), (-3, 4)

Find the slope of each line. 

10) 11)

 

12) 13)

 