

Name: _____

Show work needed to justify your answer.

Date: _____

HW # 21a: Algebra 1 - Standard 11 - Rate of Change and Slope

5 points

Determine whether the function is linear. If it is, state the rate of change.

7.

x	4	2	0	-2	-4
y	-1	1	3	5	7

8.

x	-7	-5	-3	-1	0
y	11	14	17	20	23

Find the slope of the line that passes through each pair of points.

11. (4, 3), (-1, 6)

14. (6, -10), (6, 14)

15. (5, -4), (9, -4)

22. (-8, -15), (-2, 5)

23. (2, 5), (3, 6)

26. (-5, -8), (-8, 1)

27. (2, 5), (-3, -5)

35. (5, -9), (3, -2)

36. (12, 6), (3, -5)