

Name: \_\_\_\_\_  
 Period \_\_\_\_\_

Date: \_\_\_\_\_  
 Henderson – Math 8

## Homework for Week 17

### Monday: HW#17A

Identify if the relation shown is a FUNCTION or NOT a FUNCTION.

1.)

X	Y
0	7
2	7
4	7

X	Y
4	8
-2	2
-2	-1

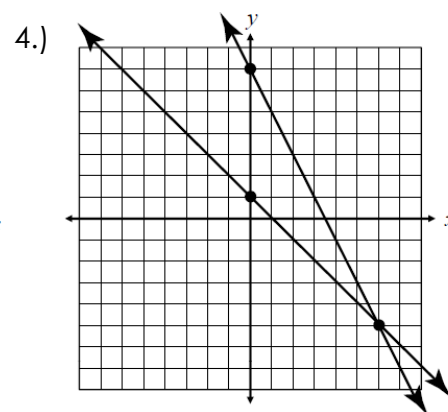
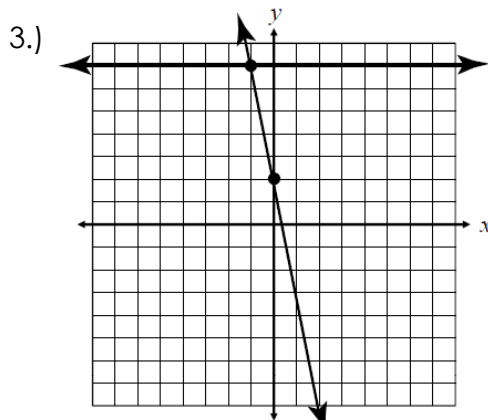
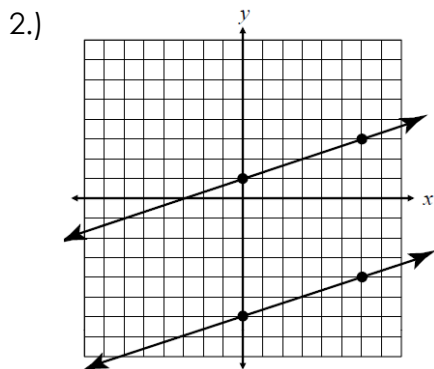
X	Y
6	12
7	14
8	12

X	Y
3	0
6	8
-3	16

\_\_\_\_\_

### Tuesday: HW#17B

Identify the solution to the system of equations.



\_\_\_\_\_

Find the rate of change from the given points.

5.)  $(5, 6)$   $(3, 9)$

6.  $(-4, 7)$   $(-4, 2)$

7.  $(6, -3)$   $(1, -3)$

\_\_\_\_\_

### Wednesday: HW#17C

State if the equation shown is linear or not linear.

8.)  $y = -4x$  \_\_\_\_\_

$9x - \frac{6}{5}y = 8$  \_\_\_\_\_

9.)  $y = 3x^2 - 1$  \_\_\_\_\_

$\frac{6}{y} + x = 3$  \_\_\_\_\_

10.)  $y = 8$  \_\_\_\_\_

$y = \sqrt{8x} + 9$  \_\_\_\_\_

11.) Explain in words how you were able to determine your answer for  $y = 3x^2 - 1$ .

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### Thursday: HW#17D

Solve each equation.

11.  $-41 = -\frac{2}{5}(45x + 60) + x$

12.  $2(8n + 5) - 3 = 4(4n - 1) + 11$