

Functions Day 2 HW

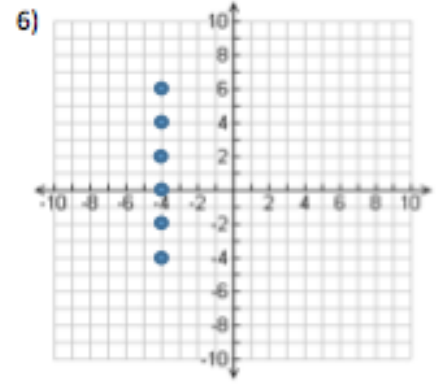
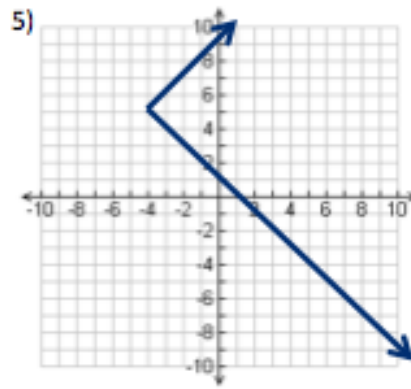
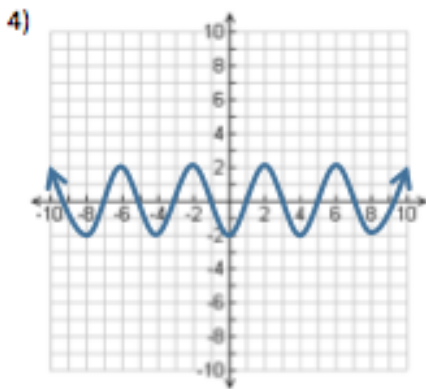
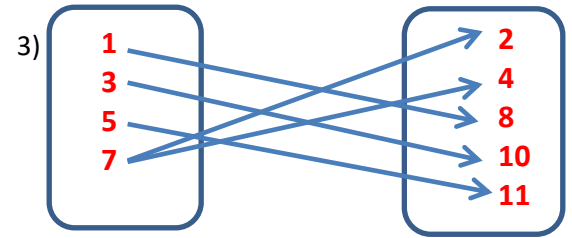
For each problem:

Say whether or not the relationship is a function or not, and explain why.

1)

Input	Output
-3	19
1	-5
6	-35
1	-5
9	-53

2) $(-4, 8); (6, 8); (0, 8); (-2.5, 8)$



7) Input = Meigs 8th grader; Output = Their student ID number

8) Input = Letter grade; Output = Meigs student who got that grade in math on their report card

9) Input = Meigs teacher; Output = Student who has that teacher for homeroom

There is a back!

Use the given functions to find each value. Do NOT use a calculator!

$$a(x) = -5x - 8$$

$$b(x) = 5(x + 2)$$

$$c(x) = \frac{x}{5} - 2$$

$$d(x) = 3x^2 - 36$$

$$e(x) = \frac{-x + 4}{2}$$

10) $b(10)$

11) $d(4)$

12) $a(-10)$

13) $c(45)$

14) $e(74)$