Name _____   Date _____

Analyzing Functional Relationships by Graphing - Matching Worksheet

Write the letter of the answer that matches the problem.
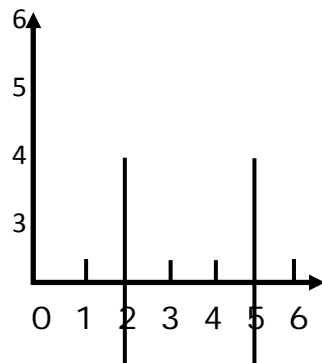
_____ 1. Describe the graph of the function. Is this linear or nonlinear?

a.   Non-Linear

x	1	2	3	4	5
y	2	4	6	8	10

_____ 2. Describe the function of x.

b.   Linear, Increasing

_____ 3. Describe the graph of the function. Is this linear or nonlinear?

c.   Linear, Decreasing

x	1	2	3	4	5
y	35	30	35	28	20

_____ 4. Describe the graph of the function. Is this linear or nonlinear?

d.   x = 2, x =5

x	1	2	3	4	5
y	25	20	15	10	5