Name:

#### Table/Graph/Equation/Situation Problems

**Directions:** For each problem, one form of a linear relationship is given – either a table, a graph, an equation, or a real-world situation written out in words. Based on which representation is given, you must create the other three. So, for example, if the equation is given, you must create a table (x-values from 0 to 5 is fine), a graph (be sure to scale your x and y-axis appropriately, and think about whether or not it would make sense to connect your dots!) and think of your own real-world situation that would match the equation.

## Α

**<u>Table</u>**: (need graph, equation, situation)

Number	Cost
1	\$3.50
2	\$6.50
3	\$9.50
4	\$12.50
5	\$15.50



### В

#### Graph: (need table, equation, situation)



### С

**Situation:** (need table, graph, equation)

The temperature on Sunday was -11°F. But the temperature has risen 4.5°F each day since then.



Equation: (need table, graph, situation)

y = 50 - 2.5x

### Ε





# F

Table: (need graph, equation, situation)

X	У
1	75
2	150
3	225
4	300
5	375