## **Direct Variation** Worksheet to go with Power Point

Name: Date: Pd:

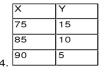
Write a definition of Direct Variation in your own words:

Tell if the following tables represent a direct variation relationship.

	X	Y
	1	10
	4	9
1.	7	8

X	Υ
90	3
80	2
70	1

	X	Y
	9	3
	11	5
3	13	7
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You Try: Tell if the data has a direct variation relationship. If yes, give the constant variation and the equation to represent the data.

X	Y
9	3
12	4
15	5

Equation:

**You Try**: Complete with the computer. (Example Number 3) y varies directly with x, and y = 6 when x = -5. Find y when x = -8

Step One: Step Two:

In the following problem, fill in the table. You do not have to solve. A refund you get varies directly as the number of cans you recycle. If you get a \$3.75 refund for 75 cans, how much should you get for 500 cans?

X()	Y ()

Draw an example of a direct variation graph.

Draw an example of a graph that does not show a direct variation relationship.