

Name _____

Date _____

Using Straight Lines to Model Relationships- Guided Lesson

Complete the following problems:

1) Is there any relationship between the amount of cheese used on a pizza and the price of a slice of the pizza?

Pizza	Cheese (grams)	Price of pizzas (\$)
Muffuletta Pizza	10	1.50
Thai Pizza	18	2.00
Grilled Pizza	15	1.75
Pizza Pie	20	2.50
Pesto Pizza	8	3.00
Seafood Pizza	5	2.00
Fruit Pizza	25	2.60

2) Is there any relationship between the expenditure and the salary of the employees in a company?

Employees name	Salary(\$)	Expenditure (\$)
John	10,000	5,000
Wilson	20,000	10,000
Daniel	42,000	30,000
Samuel	50,000	35,000
Poll	30,000	17,000
Abraham	60,000	40,000
Robert	35,000	25,000

3) Is there any relationship between the tax and the inflation rate on commodities?

Commodities	Inflation (%)	Increase in Tax (\$)
Oil	4	100
Electronic items	12	300
Vegetables	2	50
Cloth	6	75
Car	15	500
Petrol	7	250
Milk Products	5	125

