

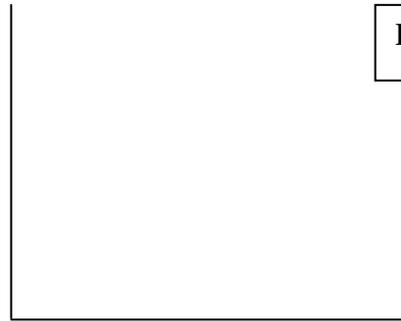
CHAPTER 3	Interpreting Graphical Relationships	BLM 3.2.4
HANDOUT		

Plot the data for these three types of mathematical relationships below. In the space provided, state the relationship in an equation.

1. Linear Direct Relationships ($y = mx + b$)

Apples	Cost (\$)
4	1
6	2
8	3
10	4
12	5

Number of apples



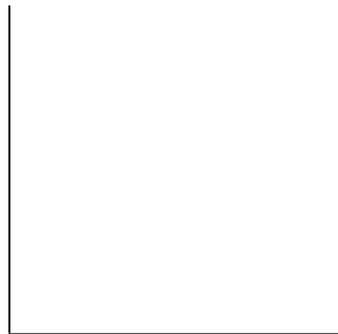
Cost (\$)

Equation: _____

2. Linear Indirect Relationships ($y = -mx + b$)

Donuts Eaten	Apples Eaten
5	4
4	8
3	12
2	16
1	20

Number of donuts



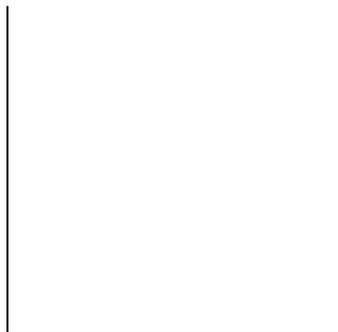
Number of Apples

Equation: _____

3. Inverse Relationship ($y = k \cdot \frac{1}{x}$ or $y = \frac{k}{x}$)

Velocity (m/s)	Time (s)
10	20
8	25
6	33
4	50
2	100

Velocity (m/s)



Time (s)

Equation: _____