

# TRIP TO THE ZOO

Story:

The zoo charges \$4 admission fee along with a \$2 charge for each exhibit you visit.

Equation:

Initial Value:

Rate of Change:

Graph:

### Zoo Cost

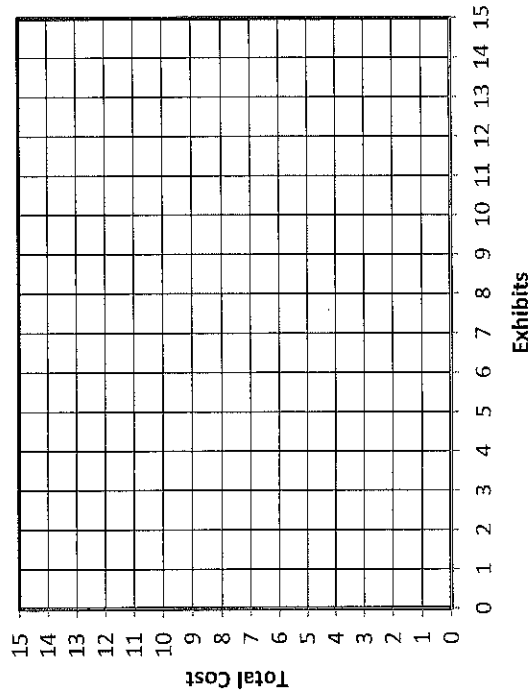


Table of Values:

| x | y |
|---|---|
| 0 |   |
| 1 |   |
| 2 |   |
|   |   |
|   |   |
|   |   |

# GAS MILEAGE

Story:

Your car has \_\_\_\_\_ gallons of gas.  
 You use up 1 gallon for every  
 \_\_\_\_\_ miles you travel.

Equation:

$$y = -\frac{1}{20}x + 10$$

Initial Value:

Rate of Change:

Graph:

Using Gas

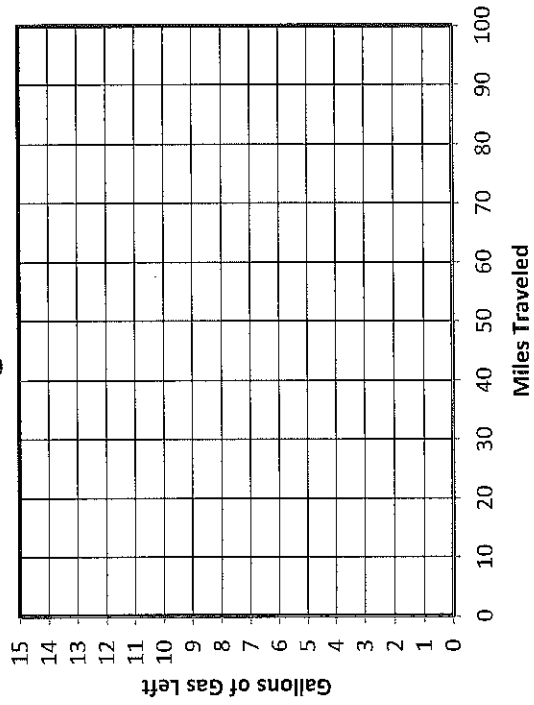


Table of Values:

| x  | y |
|----|---|
| 0  |   |
| 20 |   |
| 40 |   |
| 60 |   |
| 80 |   |

# PARTY GUESTS

Initial Value:

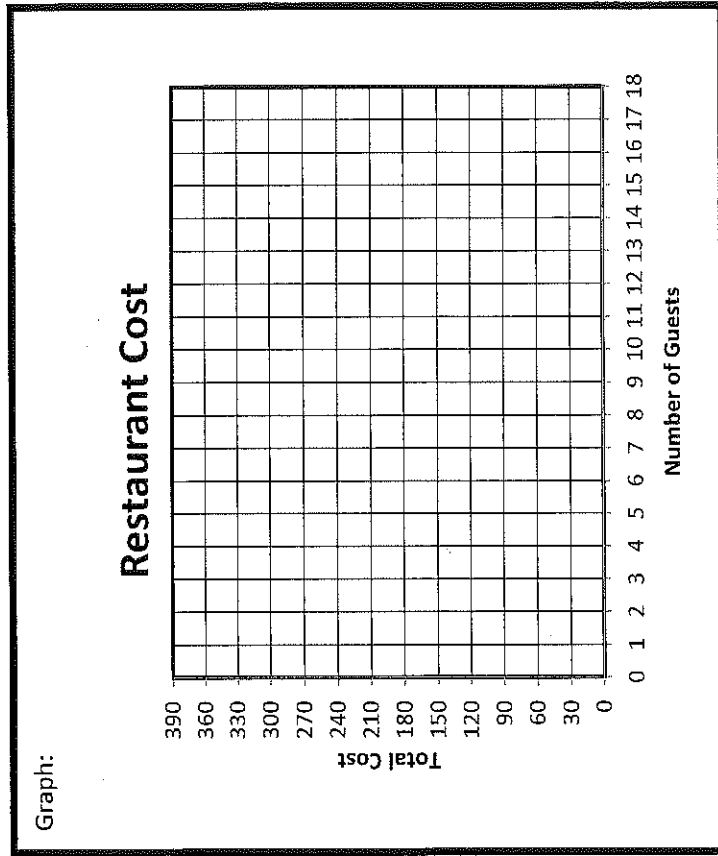
Rate of Change:

Equation:

Story:  
 To host a party at a local restaurant, you must pay \$\_\_\_\_\_ to rent it and \$\_\_\_\_\_ per guest.

Table of Values:

| x  | y   |
|----|-----|
| 0  | 90  |
| 3  |     |
| 6  | 180 |
| 9  | 225 |
| 12 |     |



# TEMPERATURE TRENDS

Story:

The temperature is currently \_\_\_\_\_ degrees Fahrenheit. It is \_\_\_\_\_ degrees every \_\_\_\_\_ hour(s).

Equation:

Initial Value:

Rate of Change:

Graph:

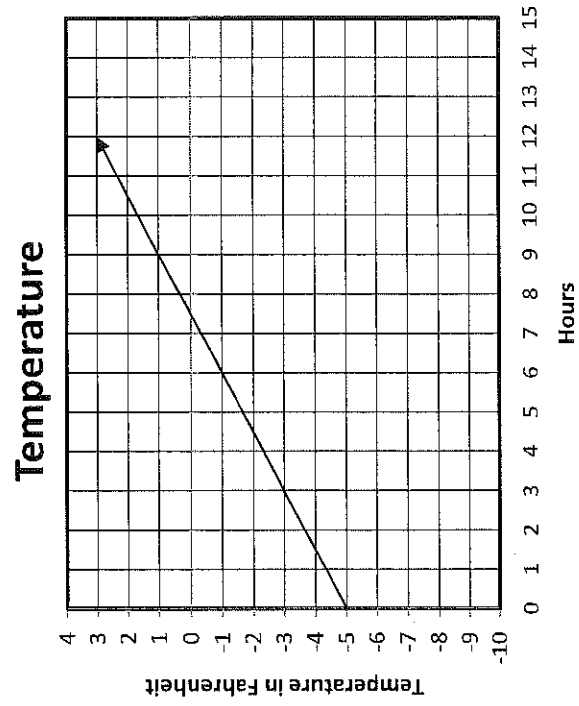


Table of Values:

| x  | y |
|----|---|
| 0  |   |
| 3  |   |
| 6  |   |
| 9  |   |
| 12 |   |

# RIDES AT THE FAIR

Story:

To get into the fair, you must pay \$ \_\_\_\_\_. Each ride costs \$ \_\_\_\_\_.

Equation:

Initial Value:

Rate of Change:

Graph:

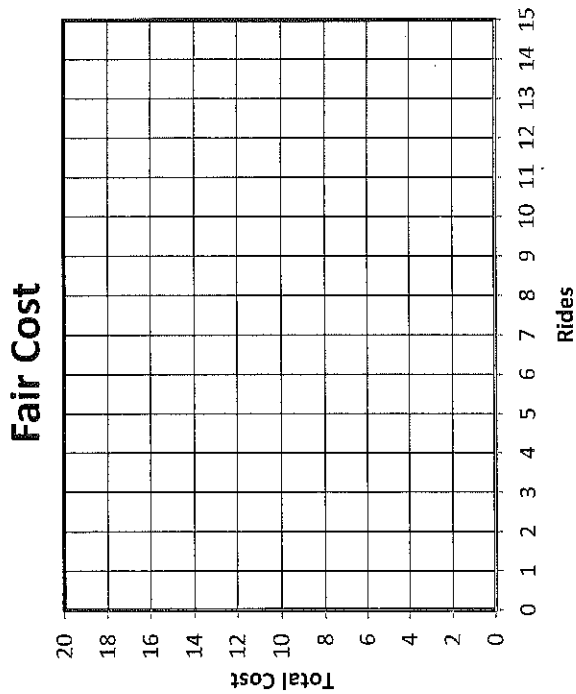


Table of Values:

| x  | y     |
|----|-------|
| 0  |       |
| 2  | 7.50  |
| 5  | 12.00 |
| 8  |       |
| 10 |       |

# LUNCH MONEY

Story:

You have an allowance to spend on lunch this week. You will spend the same amount each day, and you get to keep whatever is left at the end of the week. After two days, you have \$12.10 remaining. After five days, you have \$2.50 remaining.

Equation:

Initial Value:

Rate of Change:

Graph:

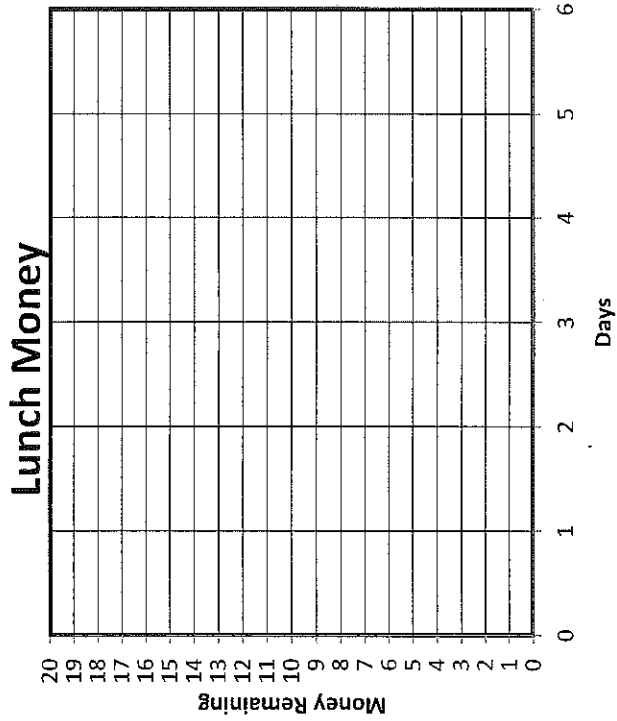


Table of Values:

| x | y |
|---|---|
| 0 |   |
| 1 |   |
| 2 |   |
| 3 |   |
| 4 |   |

# CREATE YOUR OWN STORY

Story:

Equation:

Initial Value:

Rate of Change:

Graph:

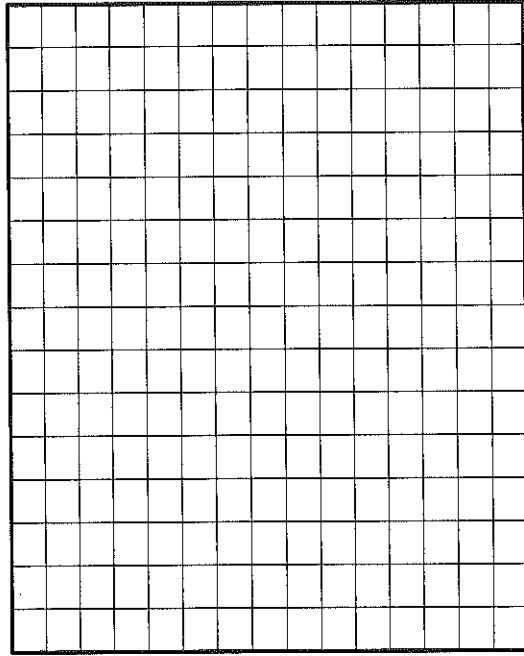


Table of Values:

| x | y |
|---|---|
|   |   |
|   |   |
|   |   |
|   |   |
|   |   |