

# Proportional Relationships Worksheet #1

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Hour: \_\_\_\_\_

Slope-Intercept Form:

slope

y-intercept

## Comparing Equations, Situations, Tables, Graphs, & Ordered Pairs

### Equation

$$y = 3x - 5$$

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Proportional / Nonproportional

### Equation

$$y = -16x$$

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Proportional / Nonproportional

### Situation

Redwing Cinemas charges \$5 per movie ticket

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Situation

SJ Sky Diving charges \$60 for a lesson & \$50 per jump

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Data Table

x	y
-3	2
0	7
3	12
6	17

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Data Table

x	y
10	-3
8	-6
6	-9
4	-12

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Ordered Pair

$(-4, 17), (0, 9)$

Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Ordered Pair

$(0, 12), (-4, 0)$

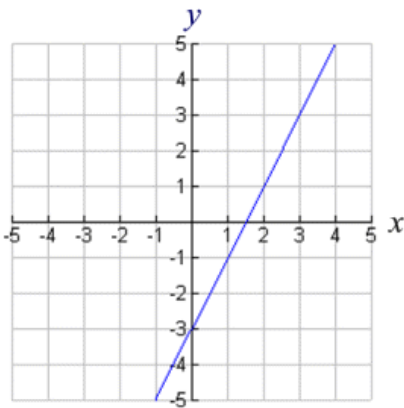
Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Graphs



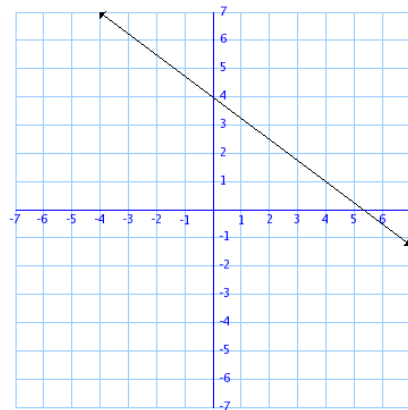
Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional

### Graphs



Initial value: \_\_\_\_\_

Rate of change: \_\_\_\_\_

Equation: \_\_\_\_\_

Proportional / Nonproportional