

## Writing Linear Equations From A Table Practice 2

Write the slope-intercept form of the equation for each equation

1.

| x  | y  |
|----|----|
| -3 | 1  |
| 0  | 4  |
| -5 | -1 |
| -2 | 2  |
| 6  | 10 |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$b =$$

$$y = mx + b$$

$$y =$$

2.

| x  | y   |
|----|-----|
| 5  | 27  |
| 0  | -8  |
| 9  | 55  |
| -4 | -36 |
| 4  | 20  |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$b =$$

$$y = mx + b$$

$$y =$$

3.

| x  | y   |
|----|-----|
| -3 | 20  |
| -5 | 32  |
| -4 | 26  |
| -2 | 14  |
| 8  | -46 |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$\text{Point: } ( \quad , \quad )$$

$$y = mx + b$$

$$\quad = \quad ( \quad ) + b$$

$$\quad = \quad + b$$

$$\quad = b$$

$$y =$$

4.

| x  | y  |
|----|----|
| -7 | -2 |
| 6  | 11 |
| -5 | 0  |
| 9  | 14 |
| -3 | 2  |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$\text{Point: } ( \quad , \quad )$$

$$y = mx + b$$

$$y =$$

5.

| x  | y    |
|----|------|
| -6 | -2   |
| -1 | -4.5 |
| 4  | -7   |
| -7 | -1.5 |
| 7  | -8.5 |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$\text{Point: } ( \quad , \quad )$$

$$y = mx + b$$

$$y =$$

6.

| x  | y     |
|----|-------|
| -2 | -6.5  |
| 4  | -8    |
| 7  | -8.75 |
| -8 | -5    |
| 9  | -9.25 |

$$\Delta y =$$

$$\Delta x =$$

$$m = \frac{\Delta y}{\Delta x} =$$

$$\text{Point: } ( \quad , \quad )$$

$$y = mx + b$$

$$y =$$