

Assignment # 20

On Looseleaf

In pencil

Show your work.

Review

1. Evaluate for $x=9$ and $m = -4$

$$4x - 2m + (x + m)^2$$

Practice

Fill in the missing values in each table:

2.

| X | Y |
|----|----|
| -2 | -4 |
| 0 | 0 |
| 1 | 2 |
| | |
| | |
| 4 | 8 |

3.

| X | Y |
|---|----|
| 1 | 6 |
| 2 | |
| 3 | 16 |
| 4 | 21 |
| | |
| 5 | 26 |

4.

| X | Y |
|----|---|
| -2 | 3 |
| 0 | 5 |
| 1 | 6 |
| | |
| | |
| 4 | 9 |

Make a table of values for each equation. Plug in values of x from -2 to $+2$.

5. $y = 3x + 1$

6. $y = -5x$

7. $y = x - 7$

Challenge

Find the equation that matches each table:

8.

| X | Y |
|----|---|
| -2 | 4 |
| -1 | 5 |
| 0 | 6 |
| 1 | 7 |
| 2 | 8 |
| 3 | 9 |

9.

| X | Y |
|----|----|
| -2 | -2 |
| 0 | 2 |
| 1 | 4 |
| 2 | 6 |
| 3 | 8 |
| 4 | 10 |