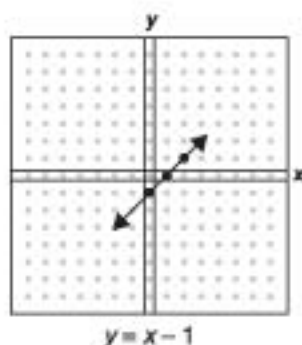


Graphing One-Step Linear Equations

Try This

- For problems 1–2, complete the function tables and make the graph on the XY Coordinate Pegboard. Record your answers.

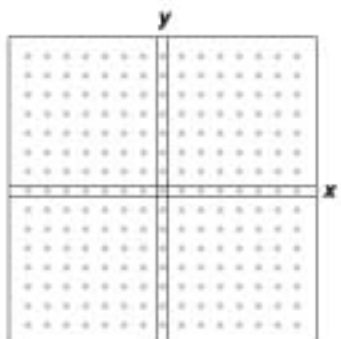
| x | y |
|-----|-----|
| 0 | -1 |
| 1 | 0 |
| 2 | 1 |



- For problems 3–11, complete a function table and graph the solution. You may use the XY Coordinate Pegboard to help solve the problems; however, a few points may land off of the grid.

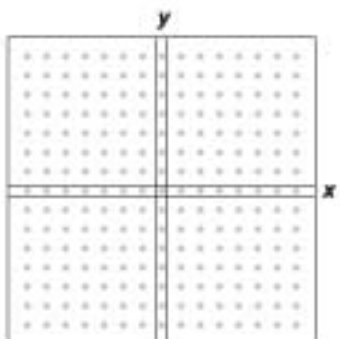
1 $y = x + 1$

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



2 $y = 2x$

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



3 $y = x$

6 $y = x + 2$

9 $y = -2x$

4 $y = 3x$

7 $y = -x$

10 $y = 1 - x$

5 $y = x - 2$

8 $y = x - 3$

11 $y = 2 - x$

Challenge

List three ordered pairs that are on the line given by the equation $2x + y = 5$.
Hint: Find values for x and y that make the equation true.