**Complete** the X-Y chart for each equation. **Plot** the points and **graph** the lines.

1. y= x + 1

|  |  |
| --- | --- |
| **x** | **y** |
|  0 |  |
|  2 |  |
|  |  4 |



2. x+y=5

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

**Write** an equation in slope-intercept form for each slope (m) and y-intercept (b). **y=mx+b**

3. y-intercept of 2, slope of – ½ equation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. y-intercept of 0, slope of ¼ equation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. y-intercept of -4, slope of 2 equation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_