**Complete** the X-Y charts for each equation. **Plot** the points and **graph** **two** lines, or use the slope and y-intercept to graph the line.

1. y= ½ x + 6

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

y=x-2

|  |  |
| --- | --- |
| **x** | **y** |
| 0 |  |
| 2 |  |
| 8 |  |

At what point do the lines intersect?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Two equations are graphed on the coordinate plane below.

At what point, do the lines

intersect?\_\_\_\_\_\_\_\_\_\_\_\_\_

If the point of intersection

is the solution for this system

of equations, what is the solution?\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_4. The point at which a line intersects the y-axis is called the………

A. slope B. x-intercept C. y-intercept

\_\_\_\_5. All of the following describe slope EXCEPT……..

A. y-intercept B. steepness of a line C. rise/run