**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= ¼ x + 2

|  |  |
| --- | --- |
| **x** | **y** |
|  0 |  |
|  4 |  |
|   12 |   |

 y=x-1

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

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

2. 3.

How many solutions?\_\_\_\_\_\_\_\_\_\_\_\_\_ How many solutions?\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. What kind of lines will have an infinite number of solutions?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_