Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

Math 8

**Graphing Homework**

Fill in the blanks using the word bank below:

|  |  |  |  |
| --- | --- | --- | --- |
| **x-axis** | **Origin** | **Ordered pair** | **y-axis** |
| **Quadrants** |  |  |  |

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_ is the vertical line on the coordinate plane.
2. The point of intersection of the x-axis and the y-axis is called the \_\_\_\_\_\_\_\_\_\_\_\_.
3. The coordinate plane is split into four sections called \_\_\_\_\_\_\_\_\_\_\_\_.
4. The \_\_\_\_\_\_\_\_\_\_\_\_\_ is the horizontal line on the coordinate plane.
5. A pair of numbers that tells you the location of a point is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* **Graph the following points and state what quadrant they are located in (if not on a line).**
* **Connect them in order.**

1. (3,-4) Quadrant?\_\_\_\_\_\_\_\_\_\_
2. (-3,3) Quadrant?\_\_\_\_\_\_\_\_\_\_
3. (3,3) Quadrant?\_\_\_\_\_\_\_\_\_\_
4. (-3,-4) Quadrant?\_\_\_\_\_\_\_\_\_\_
5. (0,6) Quadrant?\_\_\_\_\_\_\_\_\_\_\_\_

**What shape does it make?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

