**1. Complete the following statement.**

|  |  |
| --- | --- |
| **a.** | A coordinate plane is formed by \_\_\_\_\_\_\_ number lines in a plane that intersect at \_\_\_\_\_\_\_\_\_\_\_. |
| **b.** | The horizontal axis is called the \_\_\_\_\_\_\_\_\_. |
| **c.** | The vertical axis is called the\_\_\_\_\_\_\_\_\_\_. |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** | The two axes divide the coordinate plane into five quadrants. |  |
| **b.** | The point where the axes intersect is called the origin. |  |
| **c.** | The ordered pair for the origin is $\left(0,0\right)$. |  |

**Multiple Choice**

**3. In which quadrant is the point**$ \left(1,0\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$Quadrant II$$ |  |
| **b.** | $$On x axis$$ |  |
| **c.** | $$Quadrant I$$ |  |

**4. In which quadrant is the point**$ \left(-5,-4\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$Quadrant I$$ |  |
| **b.** | $$Quadrant II$$ |  |
| **c.** | $$Quadrant III$$ |  |

**5. In which quadrant is the point**$ \left(0,9\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$On y axis$$ |  |
| **b.** | $$Quadrant II$$ |  |
| **c.** | $$Quadrant II$$ |  |

**ANSWERS**

**1. Complete the following statement.**

|  |  |
| --- | --- |
| **a.** | A coordinate plane is formed by two number lines in a plane that intersect at right angles. |
| **b.** | The horizontal axis is called the x-axis. |
| **c.** | The vertical axis is called the y-axis. |

**2. Write T for true or F for false**

|  |  |  |
| --- | --- | --- |
| **a.** | The two axes divide the coordinate plane into five quadrants. | **F** |
| **b.** | The point where the axes intersect is called the origin. | **T** |
| **c.** | The ordered pair for the origin is $\left(0,0\right)$. | **T** |

**Multiple Choice**

**3. In which quadrant is the point**$ \left(1,0\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$Quadrant II$$ |  |
| **b.** | $$On x axis$$ |  |
| **c.** | $$Quadrant I$$ |  |

**4. In which quadrant is the point**$ \left(-5,-4\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$Quadrant I$$ |  |
| **b.** | $$Quadrant II$$ |  |
| **c.** | $$Quadrant III$$ |  |

**5. In which quadrant is the point**$ \left(0,9\right)$ **located?**

|  |  |  |
| --- | --- | --- |
| **a.** | $$On y axis$$ |  |
| **b.** | $$Quadrant II$$ |  |
| **c.** | $$Quadrant II$$ |  |