Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_1st 2nd 3rd 4th 5th 6th

**Coordinate Plane**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | * Label the x- axis
* Label the y-axis
* Label each Quadrant
	+ I, II, III, IV

 | **2** | * Give an example of an ordered pair
* Label the x-coordinate
* Label the y-coordinate

Ordered Pair

|  |
| --- |
|  |

 ↗ ↖ |
| **3** | * Label the x- axis
* Label the y-axis
* Plot the point (2,-4)
* Label the point
* The point (2,-4) is in Quadrant\_\_\_\_

 | **4** | * Label the x- axis
* Label the y-axis
* Plot the point (4,3)
* Label the point
* The point (4,3) is in Quadrant\_\_\_\_\_

 |
| **5** | * Label the x- axis
* Label the y-axis
* Plot the point (-2,-5)
* Label the point
* The point (-2,-5) is in Quadrant\_\_\_\_

 | **6** | * Label the x- axis
* Label the y-axis
* Plot the point (-3,1)
* Label the point
* The point (-3,1) is in Quadrant\_\_\_\_\_

 |
| **7** | * Label the x- axis
* Label the y-axis
* Plot a point in Quadrant III
* Label the point

* Is x>0 or is x<0?
	+ X is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Is y>0 or is y<0?
	+ y is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
 | **8** | * Label the x- axis
* Label the y-axis
* Plot a point in Quadrant I
* Label the point

* Is x>0 or is x<0?
	+ X is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Is y>0 or is y<0?
	+ y is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| **9** | * Label the x- axis
* Label the y-axis
* Plot a point in Quadrant IV
* Label the point \_\_\_\_\_\_\_\_\_

* Is x>0 or is x<0?
	+ X is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Is y>0 or is y<0?
	+ y is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
 | **10** | * Label the x- axis
* Label the y-axis
* Plot a point in Quadrant II
* Label the point

* Is x>0 or is x<0?
	+ X is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Is y>0 or is y<0?
	+ y is \_\_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| **11** | If a point is in Quadrant I, which of the following is true?1. ax<0, y >0
2. x>0, y <0
3. x>0, y >0
4. x <0,y <0
* Choose a point in Quadrant I \_\_\_\_\_\_
* Justify your answer.
 | **12** | If a point is in Quadrant IV, which of the following is true?1. ax<0, y >0
2. x>0, y <0
3. x>0, y >0
4. x <0,y <0
* Choose a point in Quadrant IV \_\_\_\_\_\_
* Justify your answer.
 |
| **13** | If a point is in Quadrant III, which of the following is true?1. x<0, y >0
2. x>0, y <0
3. x>0, y >0
4. x <0,y <0
* Choose a point in Quadrant IV\_\_\_\_\_\_
* Justify your answer.
 | **14** | If a point is in Quadrant II, which of the following is true?1. x<0, y >0
2. x>0, y <0
3. x>0, y >0
4. x <0,y <0
* Choose a point in Quadrant IV \_\_\_\_\_\_
* Justify your answer.
 |
| **15** | Is the point on the x-axis or the y-axis?* The point is on the \_\_\_\_\_\_\_-axis
* Label the point \_\_\_\_\_\_\_\_\_\_\_
* Label the x-axis
* Label the y-axis

 | **16** | Is the point on the x-axis or the y-axis?* The point is on the \_\_\_\_\_\_\_-axis
* Label the point \_\_\_\_\_\_\_\_\_\_\_
* Label the x-axis
* Label the y-axis

 |
| **17** | If x <0 and y>0, which Quadrant is your point in?* Plot and label your point

My point, \_\_\_\_\_\_\_\_\_\_, is in Quadrant \_\_\_\_ | **18** | If x <0 and y <0, which Quadrant is your point in?* Plot and label your point

My point, \_\_\_\_\_\_\_\_\_\_, is in Quadrant \_\_\_\_ |
| **19** | If x>0 and y >0, which Quadrant is your point in?* Plot and label your point

My point, \_\_\_\_\_\_\_\_\_\_, is in Quadrant \_\_\_\_ | **20** | If x>0 and y <0, which Quadrant is your point in?* Plot and label your point

My point, \_\_\_\_\_\_\_\_\_\_, is in Quadrant \_\_\_\_ |
| **21** | If (x,y) is on the x-axis, what is true?x=0 or y=0? Why? Justify your answer by plotting the point.If (x,y) is on the x-axis, then \_\_\_\_\_\_=0. | **22** | If (x,y) is on the y-axis, what is true?x=0 or y=0? Why? Justify your answer by plotting the point.If (x,y) is on the y-axis, then \_\_\_\_\_\_=0. |