

SORT: THE COORDINATE PLANE

DIRECTIONS: Cut out the cards from the table and sort them into groups, containing at least 3 cards in each group, which share a common characteristic. Record the reason why you sorted them the way that you did and be prepared to share the reason with the class.

1. zero x -coordinate, negative y -coordinate	2. located 4 units to the left of the origin and 2 units up	3. $(4, 2)$	4. origin
5. $(4, -2)$	6. Quadrant I	7. origin	8. located 4 units down from the origin
9. located 4 units to the left of the origin	10. positive x -coordinate, negative y -coordinate	11. negative x -coordinate, zero y -coordinate	12. $(4, -2)$
13. Quadrant III	14. negative x -coordinate, negative y -coordinate	15. $(-4, 2)$	16. located 4 units to the right of the origin and 2 units up
17. positive x -coordinate, positive y -coordinate	18. $(2, -4)$	19. Quadrant II	20. negative x -coordinate, positive y -coordinate
21. located 4 units to the right of the origin and 2 units down	22. Quadrant IV	23. located 4 units to the left of the origin and 2 units down	24. $(-4, 2)$