

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.

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|--|--|---|--|
| 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. $(-4, 2)$ |
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