

Homework: Complete the work below either on looseleaf, or print the paper.

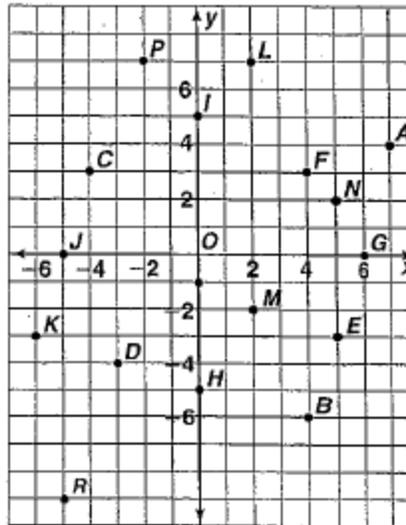
## Practice 4-1 Graphing Points

Name the point with the given coordinates.

- |                    |                     |
|--------------------|---------------------|
| 1. $(-4, 3)$ _____ | 2. $(7, 4)$ _____   |
| 3. $(0, -5)$ _____ | 4. $(5, -3)$ _____  |
| 5. $(4, -6)$ _____ | 6. $(6, 0)$ _____   |
| 7. $(4, 3)$ _____  | 8. $(-3, -4)$ _____ |

Name the coordinates of each point.

- |               |               |
|---------------|---------------|
| 9. $J$ _____  | 10. $R$ _____ |
| 11. $K$ _____ | 12. $M$ _____ |
| 13. $I$ _____ | 14. $P$ _____ |
| 15. $N$ _____ | 16. $L$ _____ |



In Exercises 17–28, state in which quadrant or on which axis you would find the point with the given coordinates.

- |                |               |               |                |
|----------------|---------------|---------------|----------------|
| 17. $(-3, -2)$ | 18. $(7, 0)$  | 19. $(4, 0)$  | 20. $(-3, -9)$ |
| 21. $(4, -7)$  | 22. $(7, -5)$ | 23. $(2, 9)$  | 24. $(0, 9)$   |
| 25. $(0, -6)$  | 26. $(4, 2)$  | 27. $(-3, 2)$ | 28. $(0, 0)$   |

Extra Credit - Complete the activity below for extra credit.

Graph each ordered pair on the coordinate plane. Label each point with its letter. Then connect the points in order from A to S. Connect point S with point A to complete a picture.

- |           |           |
|-----------|-----------|
| A(7, 7)   | J(-4, -6) |
| B(6, 3)   | K(-7, -7) |
| C(6, 2)   | L(-5, 1)  |
| D(5, 1)   | M(-6, 2)  |
| E(7, -7)  | N(-6, 3)  |
| F(4, -6)  | P(-7, 7)  |
| G(1, -2)  | Q(-1, 3)  |
| H(0, -4)  | R(0, 4)   |
| I(-1, -2) | S(1, 3)   |

