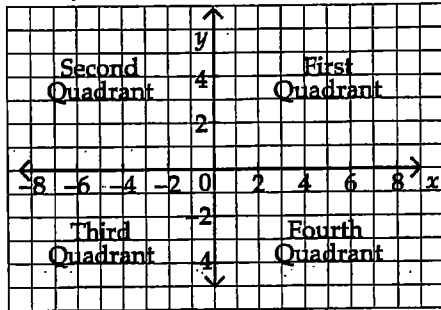


Name _____

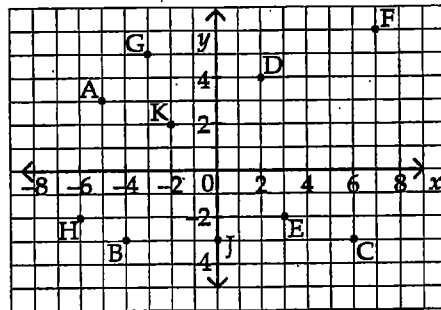
11.15 Graphing Ordered Pairs

MATHPOWER™ Seven, pp. 396–397

The x -axis and the y -axis divide the grid into 4 quadrants as shown.



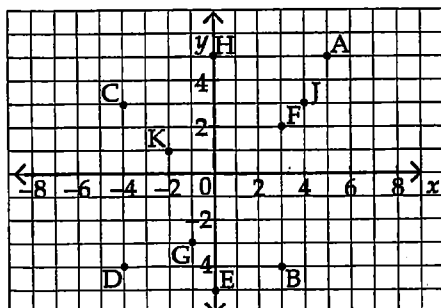
Name the coordinates of each point on the grid.



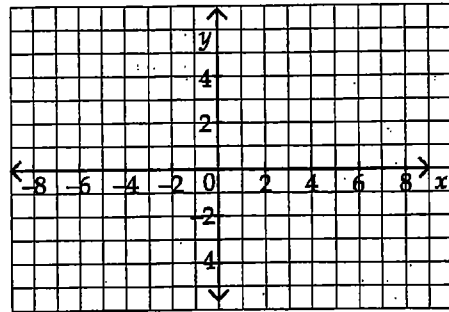
- | | |
|------------|-------------|
| 1. A _____ | 2. B _____ |
| 3. C _____ | 4. D _____ |
| 5. E _____ | 6. F _____ |
| 7. G _____ | 8. H _____ |
| 9. J _____ | 10. K _____ |

Name the points with the following coordinates on the grid below.

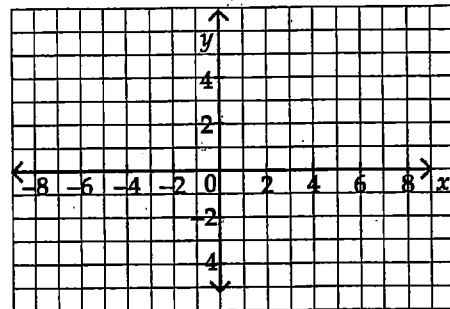
- | | |
|----------------------|----------------------|
| 11. $(-2, 1)$ _____ | 12. $(3, 2)$ _____ |
| 13. $(0, -5)$ _____ | 14. $(0, 5)$ _____ |
| 15. $(3, -4)$ _____ | 16. $(-4, 3)$ _____ |
| 17. $(-1, -3)$ _____ | 18. $(4, 3)$ _____ |
| 19. $(5, 5)$ _____ | 20. $(-4, -4)$ _____ |



21. Plot the points $D(-3, -1)$, $E(1, 3)$, $F(5, -1)$, and $G(1, -5)$ on a grid. Join the points in order to form a figure. Identify the figure.



22. Plot the points $A(-3, 2)$, $B(-3, -3)$, $C(6, -3)$, and $D(6, 2)$ on a grid. Join the points in order to form a figure. Identify the figure and calculate its area in square units.



23. In which quadrants are the following points located?

- | | |
|----------------|-------|
| a) $P(2, 6)$ | _____ |
| b) $Q(-1, 4)$ | _____ |
| c) $R(3, -1)$ | _____ |
| d) $A(-2, -2)$ | _____ |
| e) $F(-3, -2)$ | _____ |
| f) $B(1, 1)$ | _____ |
| g) $D(5, -8)$ | _____ |
| h) $C(-4, 6)$ | _____ |