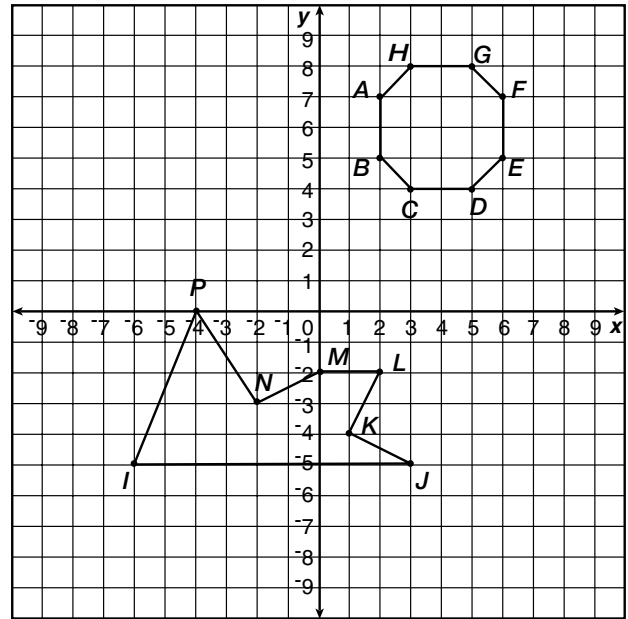


Integers and the Coordinate Plane

Use the graph of the figures at the right for Exercises 1–12. Write the ordered pair for each point.



- 1. *G* _____ 2. *A* _____
- 3. *M* _____ 4. *I* _____
- 5. *J* _____ 6. *N* _____

Write the letter name of each point.

- 7. $(+2, +5)$ _____ 8. $(+5, +4)$ _____
- 9. $(+2, -2)$ _____ 10. $(-4, 0)$ _____
- 11. $(+3, +8)$ _____ 12. $(+1, -4)$ _____

Use grid paper. Use the coordinates to plot the given points of figures. Label each point with its letter.

- 13. *A* $(-9, -2)$ 14. *B* $(-4, -5)$ 15. *C* $(-6, +2)$ 16. *D* $(-3, 0)$ 17. *E* $(0, -3)$
- 18. *F* $(+3, 0)$ 19. *G* $(0, +3)$ 20. *H* $(-5, +3)$ 21. *I* $(-2, -8)$ 22. *J* $(+4, -4)$
- 23. *K* $(+3, -2)$ 24. *L* $(+8, +1)$ 25. *M* $(+5, +2)$ 26. *N* $(+7, +3)$ 27. *P* $(+4, +7)$

28. Connect points *A–C* in order. Connect *C* to *A*. Then connect points *D–G* in order. Connect *G* to *D*. Then connect points *H–P* in order. Connect *P* to *H*. What are the three figures you have drawn?

Test Prep

29. Write an ordered pair that would appear in Quadrant I, in Quadrant II, in Quadrant III, and in Quadrant IV.

_____ _____
 _____ _____

30. Which ordered pair would appear in Quadrant III?

- A** $(+5, +7)$ **C** $(-5, -7)$
- B** $(-5, +7)$ **D** $(+5, -7)$