

Share and Show



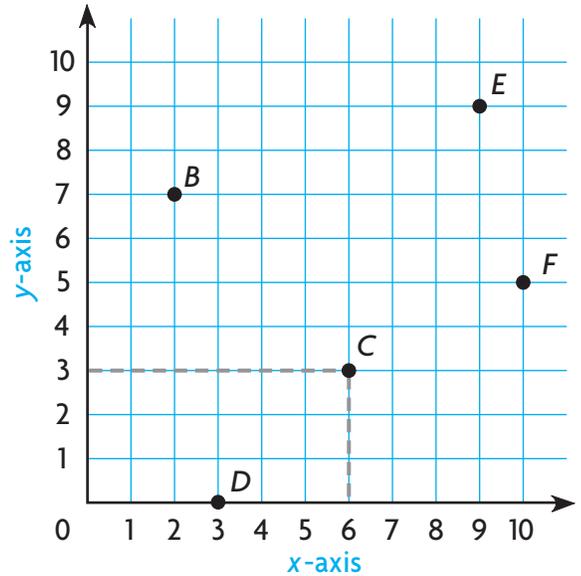
Use Coordinate Plane A to write an ordered pair for the given point.

1. C _____ 2. D _____
 3. E _____ ✓ 4. F _____

Plot and label the points on Coordinate Plane A.

5. $M(0, 9)$ 6. $H(8, 6)$
 7. $K(10, 4)$ 8. $T(4, 5)$
 9. $W(5, 10)$ ✓ 10. $R(1, 3)$

Coordinate Plane A



On Your Own

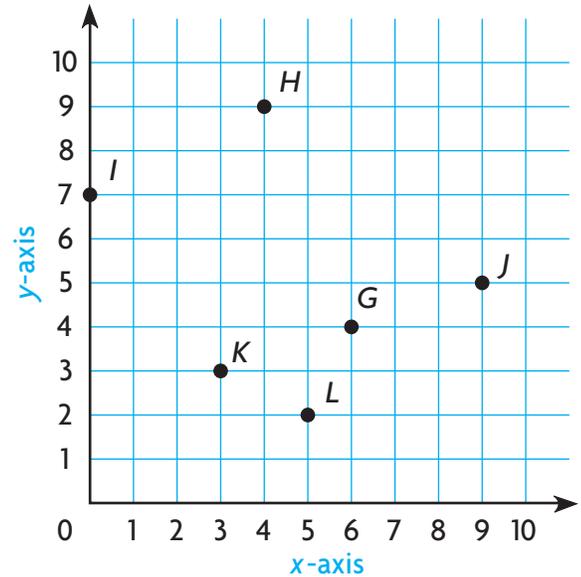
Use Coordinate Plane B to write an ordered pair for the given point.

11. G _____ 12. H _____
 13. I _____ 14. J _____
 15. K _____ 16. L _____

Plot and label the points on Coordinate Plane B.

17. $W(8, 2)$ 18. $E(0, 4)$
 19. $X(2, 9)$ 20. $B(3, 4)$
 21. $R(4, 0)$ 22. $F(7, 6)$
 23. $T(5, 7)$ 24. $A(7, 1)$

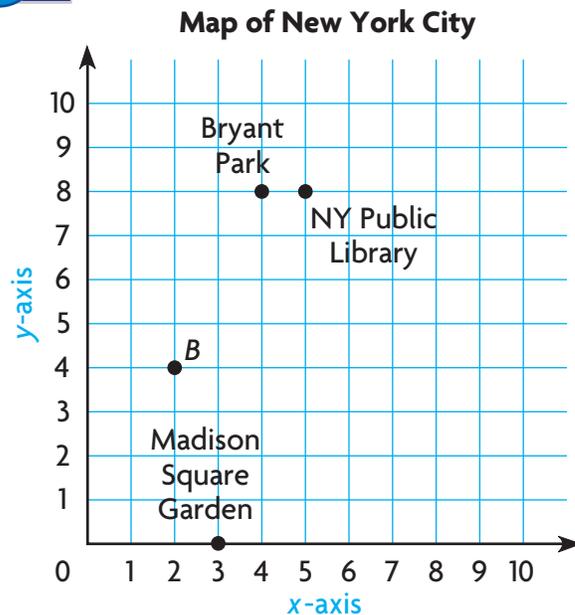
Coordinate Plane B



25. **WRITE** *Math* Explain how to find the distance between point F and point A.

Problem Solving · Applications

Nathan and his friends are planning a trip to New York City. Use the map for 26–30. Each unit represents 1 city block.



26. What ordered pair gives the location of Bryant Park?

27. **MTR** The Empire State Building is located 5 blocks right and 1 block up from $(0, 0)$. Write the ordered pair for this location. Plot and label a point for the Empire State Building.

28. Nathan says that Madison Square Garden is located at $(0, 3)$ on the map. Is his ordered pair correct? Explain.

29. Paulo walks from point B to Bryant Park. Raul walks from point B to Madison Square Garden. If they only walk along the plane lines, who walks farther? Explain.

30. Look at the map of New York City above. Suppose a subway station is located at $(6, 5)$. Which of the following accurately describes the location of the subway station? Mark all that apply.

- (A) The station is 2 blocks right and 3 blocks down from Bryant Park.
- (B) The station is 4 blocks right and 1 block down from point B .
- (C) The station is 1 block right and 3 blocks down from the library.
- (D) The station is 5 blocks right and 3 blocks up from Madison Square Garden.

