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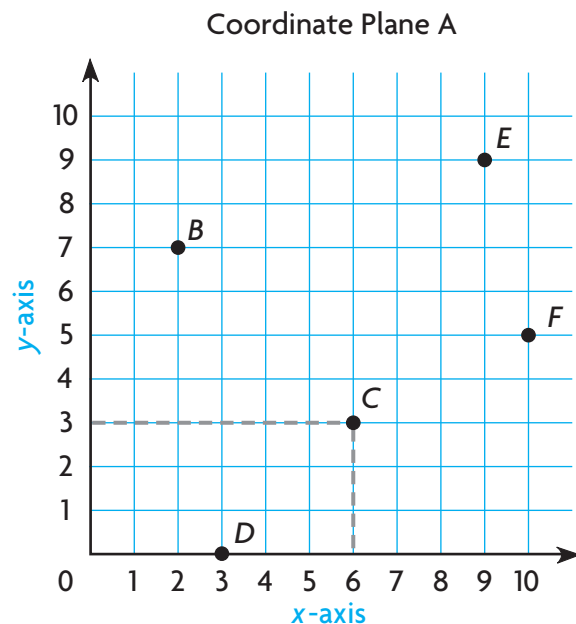


Use Coordinate Plane A to write an ordered pair for the given point.

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. $R(1, 3)$



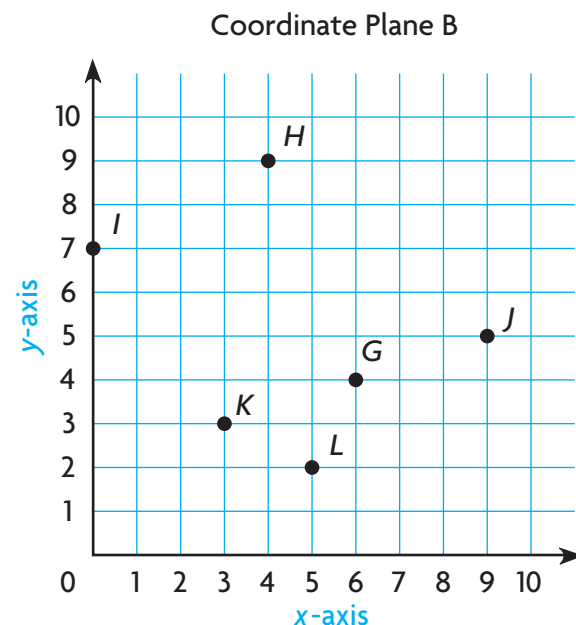
On Your Own

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. $A(7, 1)$



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

