

Lines of Horizontal and Vertical Line Segments

For **1** through **12**, find the distance between the ordered pairs.

- 1.** $(1, 7), (5, 7)$ **2.** $(3, 9), (3, 1)$ **3.** $(2, 6), (2, 0)$ **4.** $(12, 2), (1, 2)$

- 5.** $(2, 7), (2, 8)$ **6.** $(1, 5), (5, 5)$ **7.** $(0, 1), (0, 3)$ **8.** $(15, 9), (4, 9)$

- 9.** $(8, 4), (8, 8)$ **10.** $(7, 7), (7, 9)$ **11.** $(18, 7), (18, 13)$ **12.** $(29, 9), (29, 11)$

- 13.** On a map, a museum is located at $(15, 17)$.

A library is located at $(2, 17)$. How many units away is the museum from the library?

- 14.** On a map, a costume store is located at $(118, 99)$. A general store is located at $(111, 99)$. How many units away is the costume store from the general store?

A 6 units**C** 8 units**B** 7 units**D** 9 units

- 15. Writing to Explain** On a map, John is standing at $(11, 11)$. His friend Lucy is standing at $(1, 11)$. John took 10 steps to the right. Is he standing with Lucy now?
