Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Distance on the Coordinate Plane

How can you find the distance between two points on a coordinate plane?

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What is true about two points that have the same x-coordinate?

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Graph point A at (-4,3), point B at (-2,3) and point C at (-4, -5).

What is the distance between point A and point B?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the distance between point A and point C?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How could you use the absolute values of the coordinates to find these distances?

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Use the map Tammy drew of her neighborhood to find out how far it is from Li’s house to school.

Are Li’s house and the school on the same horizontal or the same vertical grid line?

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The coordinates for Li’s house are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The coordinates for the school are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Because the x-coordinates are the same, you can use the \_\_\_\_\_\_\_\_\_\_\_\_

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The distance from Li’s house to school is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_