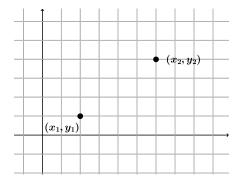
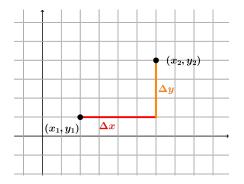
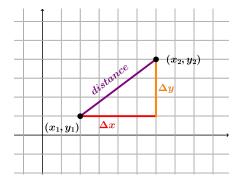
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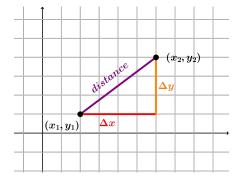
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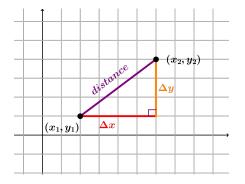
We saw one way to measure change from (x_1, y_1) to (x_2, y_2) We measured the change in x (Δx) and change in y (Δy) We can also look at the distance between the points



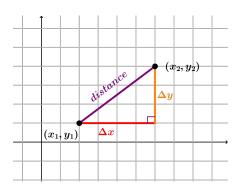
We saw one way to measure change from (x_1, y_1) to (x_2, y_2) We measured the change in x (Δx) and change in y (Δy) We can also look at the distance between the points To find this distance, \bigcirc Recall the Pythagorean Theorem:



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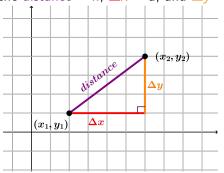


$$h^2 = a^2 + b^2$$

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In this case, the distance = h; $\Delta x = a$, and $\Delta y = b$



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