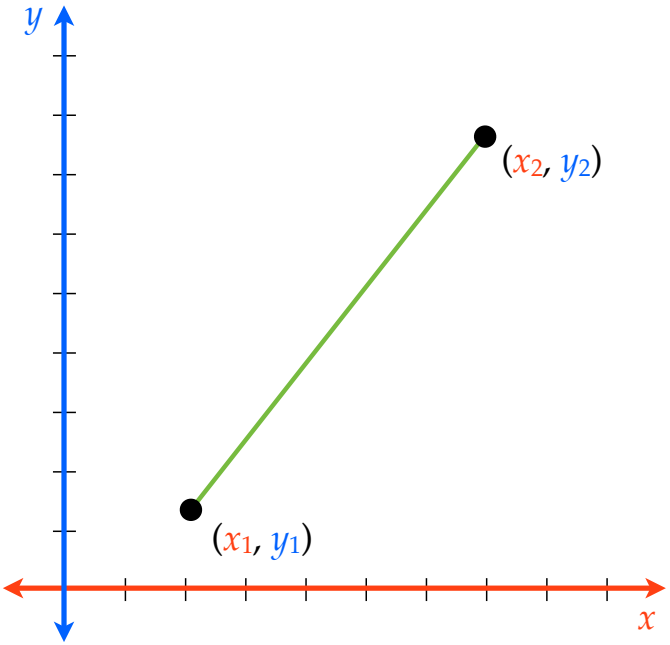
The Distance Formula

Name _____

Date _____ Period _____

Distance between two points

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$



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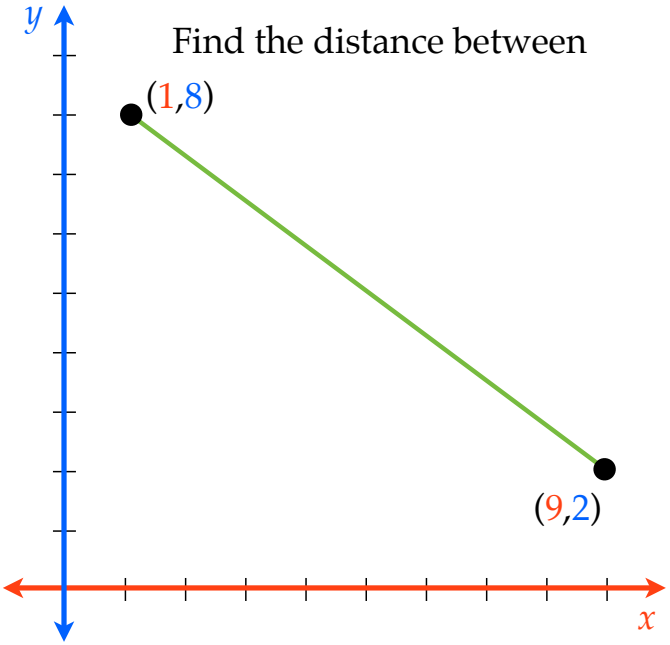
Find the distance between



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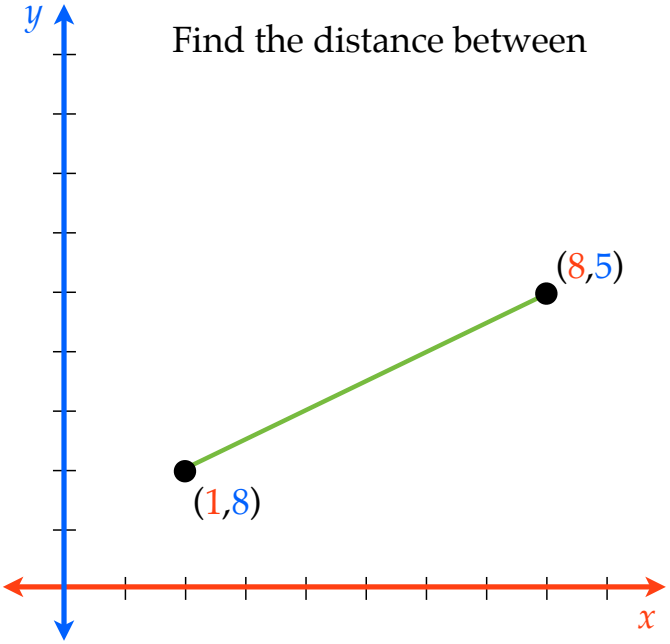

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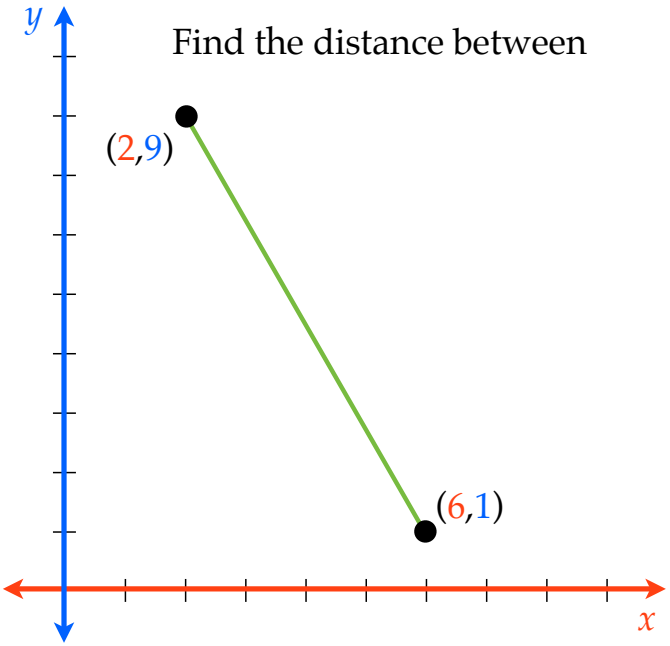

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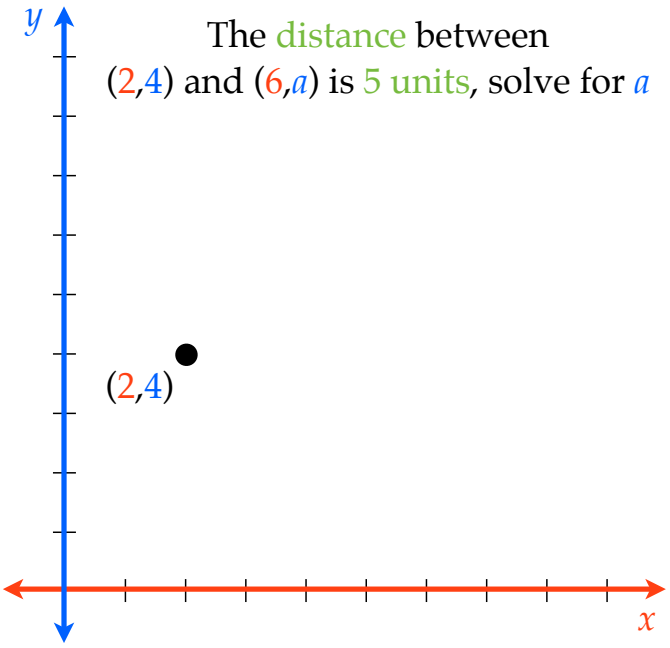

The distance between (2,4) and (6,a) is 5 units, solve for a

Distance Formula

(x_1, y_1) (x_2, y_2)

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

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