

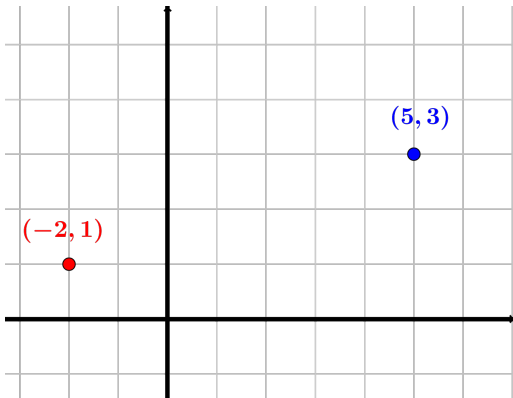
Midpoint Between Points Example 2

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Example 2: Find the midpoint of $(-2,1)$ and $(5,3)$

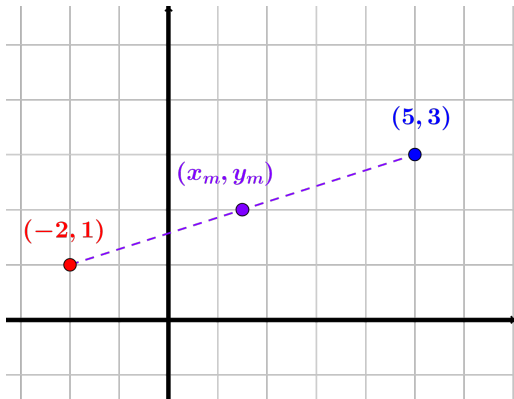
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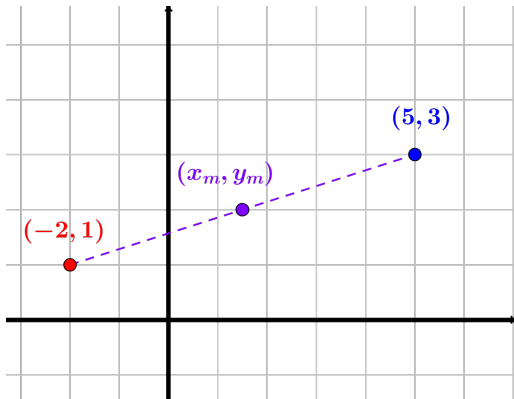
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Example 2: Find the midpoint of $(-2, 1)$ and $(5, 3)$

▶ Recall: The midpoint of (x_1, y_1) and (x_2, y_2) is (x_m, y_m)

$$x_m = \frac{x_1 + x_2}{2}$$

$$y_m = \frac{y_1 + y_2}{2}$$



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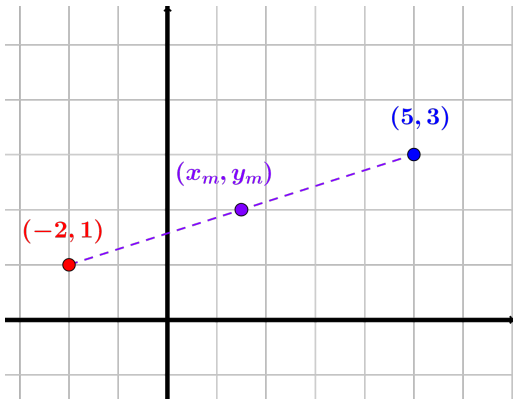
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In our problem: $x_m = \frac{-2+5}{2}$

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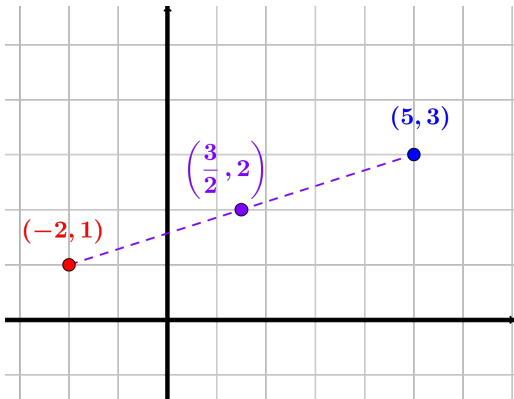
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Conclusion The midpoint of $(-2,1)$ and $(5,3)$ is $(\frac{3}{2}, 2)$

