

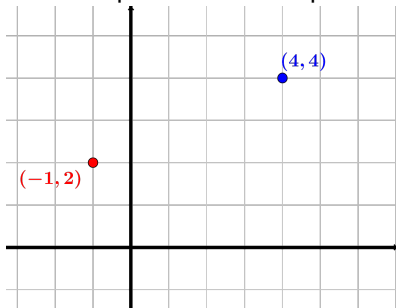
Midpoint Between Points

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Example 1: Find what point is the midpoint of $(-1,2)$, $(4,4)$

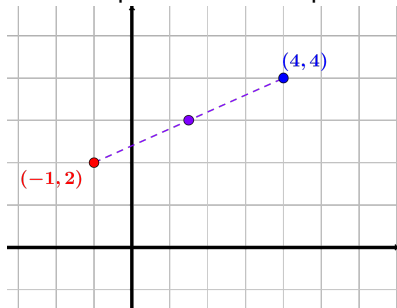
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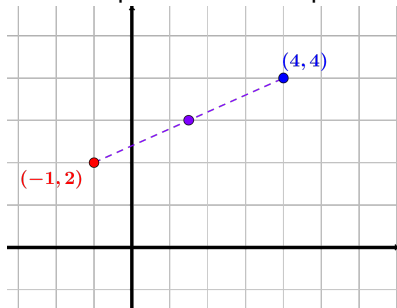
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Again, the graph gives us a visual estimate of the midpoint

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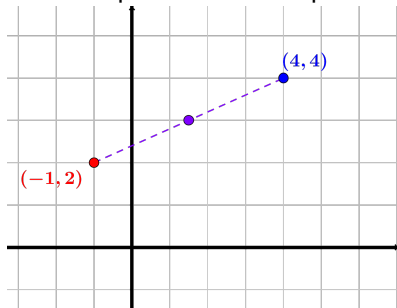
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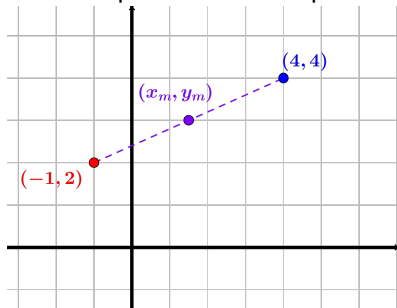
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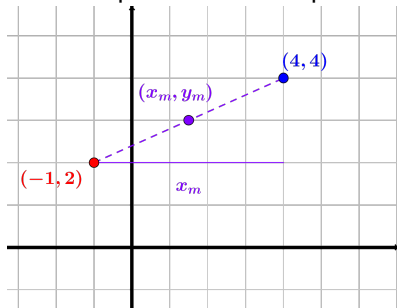
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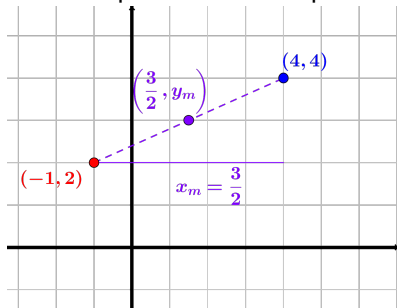
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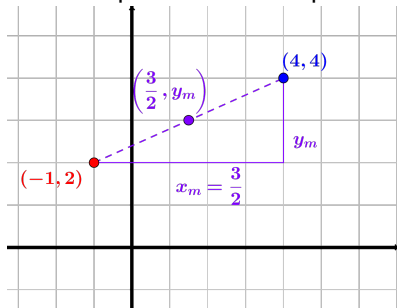
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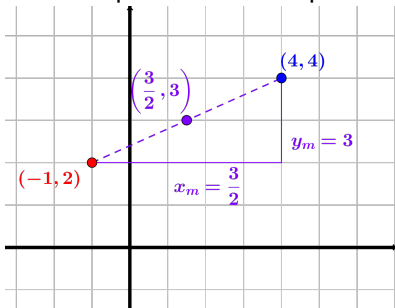
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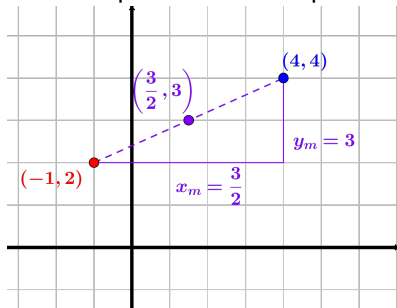
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Conclusion: The *midpoint* of $(-1,2)$ and $(4,4)$ is $(\frac{3}{2}, 2)$