

# Download What Is The Midpoint Of A Line

Midpoint of a Line Segment. The midpoint is halfway between the two end points: Its x value is halfway between the two x values. Its y value is halfway between the two y values. The middle of a line segment is its midpoint. To find the midpoint of a line segment, you just calculate the averages of the coordinates — easy as pie. The midpoint, M, of a segment with endpoints  $(x_1, y_1)$  and  $(x_2, y_2)$  is If you want to know the midpoint of the segment with endpoints  $(-4, -1)$  and [...]The Midpoint Formula: The midpoint of two points,  $(x_1, y_1)$  and  $(x_2, y_2)$  is the point M found by the following formula: But as long as you remember that you're averaging the two points' x- and y-values, you'll do fine. It won't matter which point you pick to be the "first" point you plug in. The midpoint of a line segment is the point that is located on the exact midpoint of the two endpoints. Therefore, it's the average of the two endpoints, which is the average of the two x-coordinates and the two y-coordinates., What Is The Midpoint Of A Line.

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