Midpoint

Course: Grade 10 Mathematics
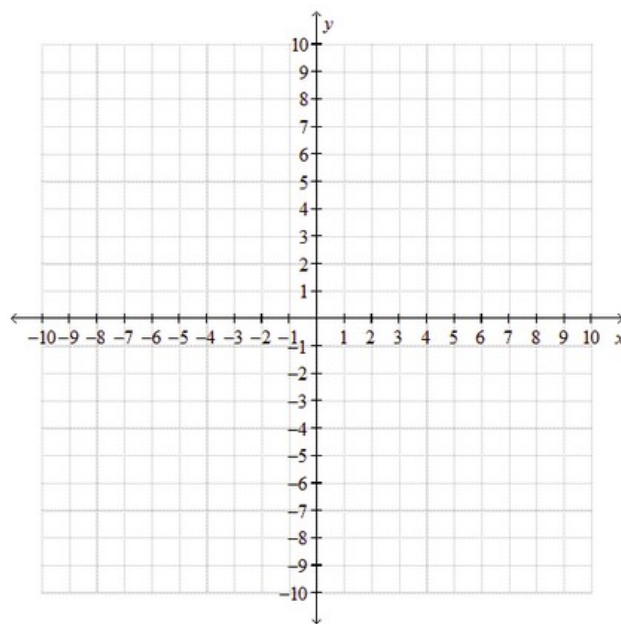
Mr. M. Fluit

Midpoint can be solved using the following formula with $A\ (x_1, y_1)$ and $B\ (x_2, y_2)$:

$$M_{AB} = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$

Alternatively, the midpoint can be found using a graph by finding half of the "rise" and "run".

Find the midpoint of A (3, 5) and B (-2, 1):

Find the other endpoint of a line with endpoint A (1, -2) and midpoint B (3, 1):