Example 3: Find the midpoint of the line segment with endpoints (-3, -1) and (7, -5).

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

$M=\left(\frac{-3+7}{2}, \frac{-1+-5}{2}\right)$ $m=\left(\frac{4}{2}, \frac{-6}{2}\right)$

$(m=2,-3)$

Example 4: Find the midpoint of the line segment with endpoints (6, -3) and (4, -7). $x_1\ y_1$ $x_2\ y_2$

$M=\left(\frac{x1+x^2}{2}, \frac{y1+y^2}{2}\right)$

$\frac{6+4}{2}, \frac{-3+-7}{2}$

$\frac{10}{2}\quad\frac{-10}{2}$

$M=5,-5$