

Midpoint Formula -

Midpoint co-ordinates,  $(x_m, y_m) = \left( \frac{x_1+x_2}{2}, \frac{y_1+y_2}{2} \right)$

i.e.  $x_m = \left( \frac{x_1+x_2}{2} \right)$  &  $y_m = \frac{y_1+y_2}{2}$

$$X_m = 9 + 2 / 2 = 6$$

$$Y_m = 8 + 5 / 2 = 6$$

Midpoint = (6,6);