

MID POINT

APRIL 29/09

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

Ex. FIND THE MIDPOINT FOR THE SEGMENT WITH ENDPOINTS

$$A(-4, 8) \text{ AND } B(2, 12)$$

$x_1 \quad y_1$ $x_2 \quad y_2$

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

$$M \left(\frac{-4 + 2}{2}, \frac{8 + 12}{2} \right)$$

$$M \left(\frac{-2}{2}, \frac{20}{2} \right)$$

$$M(-1, 10)$$

Ex #3 - ALL QUESTIONS