





This is how it's done ... EXAMPLE 1: Find the midpoint of the line segment with endpoints (14, 3) and (6, 9). Step 1: Label your points (14, 3) and (6, 9) (14, 3) and (6, 9)(14, 3) and (14, 3) and

Step 3: Perform operations!

$$M = \begin{pmatrix} 2 & 2 \\ 2 & 2 \end{pmatrix}$$
$$M = \begin{pmatrix} \frac{20}{2} & \frac{12}{2} \\ 2 & \frac{12}{2} \end{pmatrix} = (0, 0)$$

