

4. Find the midpoint of the line segment joining the points $P_2=(5,1)$ and $P_1=(6,2)$

$$\left(-\frac{1}{2}, -\frac{1}{2}\right)$$

$$(11, 3)$$

$$\left(\frac{11}{2}, \frac{3}{2}\right)$$

$$(3, 4)$$

Solution

The midpoint is: $\left(\frac{5+6}{2}, \frac{1+2}{2}\right) = \left(\frac{11}{2}, \frac{3}{2}\right)$