

4. Find the midpoint of the line segment joining the points $P_2 = (-1, 0)$ and $P_1 = (2, 6)$

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

$$(1, 6)$$

$$\left(\frac{1}{2}, 3\right)$$

$$\left(-\frac{1}{2}, 4\right)$$

Solution

The midpoint is: $\left(\frac{-1+2}{2}, \frac{0+6}{2}\right) = \left(\frac{1}{2}, 3\right)$