

7. Find the midpoint of the line segment joining the points $P_2=(0,5)$ and $P_1=(-1,6)$

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

$$(-1, 11)$$

$$\left(-\frac{1}{2}, \frac{11}{2}\right)$$

$$\left(\frac{5}{2}, \frac{5}{2}\right)$$

Solution

The midpoint is: $\left(\frac{(0+(-1))}{2}, \frac{(5+6)}{2}\right) = \left(-\frac{1}{2}, \frac{11}{2}\right)$