

9. Find the midpoint of the line segment joining the points $P_1=(4,2)$ and $P_2=(0,5)$

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

$$(4, 7)$$

$$(2, \frac{7}{2})$$

$$(3, \frac{5}{2})$$

Solution

The midpoint is: $(\frac{4+0}{2}, \frac{2+5}{2}) = (2, \frac{7}{2})$