

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

$$(1, -\frac{7}{2})$$

$$(6, 3)$$

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

$$(1, \frac{7}{2})$$

**Solution**

The midpoint is:  $(\frac{4+2}{2}, \frac{-2+5}{2}) = (3, \frac{3}{2})$