7. Find the midpoint of the line segment joining the points P1=(3,-3) and P2=(5,6)

$(-1 , -\frac{9}{2})$

$(8 , 3)$

$(4 , \frac{3}{2})$

$(0 , \frac{11}{2})$

Solution

The midpoint is: $(\frac{(3+5)}{2} , \frac{(-3+6)}{2}) = (4 , \frac{3}{2})$