7. Find the midpoint of the line segment joining the points P2= (−1,3) and P1= (6,−3)

$(-\frac{7}{2}$, $3)$

$(5$, $0)$

$(\frac{5}{2}$, $0)$

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

Solution

The midpoint is: $(\frac{(-1+6)}{2}$, $\frac{(3+-3)}{2})$ $= (\frac{5}{2}$, $0)$