

3. Find the midpoint of the line segment joining the points  $P_2 = (-2, 5)$  and  $P_1 = (3, 0)$

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

$$(1, 5)$$

$$\left(\frac{1}{2}, \frac{5}{2}\right)$$

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

**Solution**

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