

4. Find the midpoint of the line segment joining the points $M=(-2,2)$ and $T=(0,-3)$

$$(-1, \frac{5}{2})$$

$$(-2, -1)$$

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

$$(0, -\frac{3}{2})$$

Solution

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