4.

Solution

To find the j-intercept, we set t equal to 0, so :

$t(j) = j^2 - 10j + 24 = (-6 + j)(-4 + j) = 0$

$-6 + j = 0$ or $-4 + j = 0$

$j = 6$ or $j = 4$

So, the j-intercepts are at the points $(6,0)$ and $(4,0)$