6.

Solution

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

$v(j) = j^2 - 5j + 4 = (-4 + j)(-1 + j) = 0$

$-1 + j = 0$ or $-4 + j = 0$

$j = 1$ or $j = 4$

So, the j-intercepts are at the points $(1,0)$ and $(4,0)$