5.

Solution

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

$e(v) = v^2 - 9v + 18 = (-6 + v)(-3 + v) = 0$

$-6 + v = 0$ or $-3 + v = 0$

$v = 6$ or $v = 3$

So, the v-intercepts are at the points $(6,0)$ and $(3,0)$