5.

Solution

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

$v(m) = m^2 - 7m + 10 = (-5 + m)(-2 + m) = 0$

$-5 + m = 0$ or $-2 + m = 0$

$m = 5$ or $m = 2$

So, the m-intercepts are at the points $(5, 0)$ and $(2, 0)$