2.

Solution

To find the z-intercept, we set n equal to 0, so :

$n(z) = z^2 - 11z + 30 = (-6 + z)(-5 + z) = 0$

$-6 + z = 0$ or $-5 + z = 0$

$z = 6$ or $z = 5$

So, the z-intercepts are at the points $(6,0)$ and $(5,0)$