

6.

Solution

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

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

$$-6 + y = 0 \text{ or } -5 + y = 0$$

$$y = 6 \text{ or } y = 5$$

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