(v) $t^2 - 15$

$= t^2 - (\sqrt{15})^2$

$= (t - \sqrt{15})(t + \sqrt{15})$

For finding zeros

$t - \sqrt{15} = 0, \quad t + \sqrt{15} = 0$

$\Rightarrow t = \sqrt{15}, \quad t = -\sqrt{15}$

Sum of zeros $= \sqrt{15} + (-\sqrt{15})$

$= \frac{0}{1}$

$= \frac{-b}{a} \quad \left[\because \frac{b = 0}{a = 1}\right]$

Product of zeros $= \sqrt{15}(-\sqrt{15})$

$= -\frac{15}{1}$

$= \frac{c}{a} \quad \left(\because \frac{c = -15}{a = 1}\right)$