

4.

Solution

To find the u -intercept, we set h equal to 0, so :

$$h(u) = u^2 - 6u + 5 = (-5 + u)(-1 + u) = 0$$

$$-1 + u = 0 \text{ or } -5 + u = 0$$

$$u = 1 \text{ or } u = 5$$

So, the u -intercepts are at the points $(1, 0)$ and $(5, 0)$