3.

Solution

To find the s-intercept, we set g equal to 0, so :

$g(s) = s^2 - 3s + 2 = (-2 + s)(-1 + s) = 0$

$-2 + s = 0$ or $-1 + s = 0$

$s = 2$ or $s = 1$

So, the s-intercepts are at the points $(2,0)$ and $(1,0)$