4.

Solution

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

$d(s) = s^2 - 9 = (-3 + s)(3 + s) = 0$

$-3 + s = 0$ or $3 + s = 0$

$s = 3$ or $s = -3$

So, the s-intercepts are at the points $(3,0)$ and $(-3,0)$