2.

Solution

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

$d(f) = f^2 - 3f - 18 = (-6 + f)(3 + f) = 0$

$3 + f = 0$ or $-6 + f = 0$

$f = -3$ or $f = 6$

So, the f-intercepts are at the points $(-3, 0)$ and $(6, 0)$