

4.

Solution

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

$$s(d) = d^2 - 4 = (-2 + d)(2 + d) = 0$$

$$2 + d = 0 \text{ or } -2 + d = 0$$

$$d = -2 \text{ or } d = 2$$

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