

6.

## Solution

To find the  $s$ -intercept, we set  $z$  equal to 0, so the  $s$ -intercept is:  $(0, s(0))$

$$s(0) = 2(0)^2 + 4(0) + 1 = 1$$

Then the  $s$ -intercept is at the point  $(0, 1)$