

4.

## Solution

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

$$s(0) = 4(0)^2 + 8(0) + 5 = 5$$

Then the  $s$ -intercept is at the point  $(0, 5)$