

1.

## Solution

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

$$j(0) = 5(0)^2 + 6(0) + 2 = 2$$

Then the  $j$ -intercept is at the point  $(0, 2)$