

5.

## Solution

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

$$w(0) = 5(0)^2 + 3(0) + 2 = 2$$

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