1. The equation below is not in vertex from. In a previous episode you found the geometric information in the equation $y = x^2 - 4x + 4$ by first re-expressing the equation as $y = (x - 2)^2$. How can you re-express the equation below so that you can find the coordinates of the vertex (h, k) and the p-value?

$$y = x^2 - 4x + 5$$

2. Graph the parabola described by the equation above. Include the focus and directrix on your graph. Label the coordinates of any points that you plot.

