

Quiz 2, week 1

$$x^2 - 2x + 4y^2 = 3$$

$$x^2 - 2x + 1 + 4y^2 = 4$$

$$\frac{(x-1)^2}{4} + y^2 = 1$$

$$\left(\frac{x-1}{2}\right)^2 + y^2 = 1$$

Consider  $\left(\frac{x}{2}\right)^2 + y^2 = 1$

Shift  $x$  1 unit right

