

# Completing the Square

- Put in the form  $ax^2 + bx + c = 0$
- Move the constant term ( $c$ ) to the other side  
Make  $a = 1$  by dividing through by  $a$
- take  $1/2$  of the linear ( $b$ ) term
- square it
- Add it to both sides of the equation
- Now write as perfect square
- If an equation, solve using the square root property.