

Homework:

Factor the following perfect square Trinomials.

You must use Rule 5!

Remember: $a^2 + 2ab + b^2 = (a+b)^2$
 $a^2 - 2ab + b^2 = (a-b)^2$



$$x^2 + 6x + 9$$

$$x^2 - 4x + 4$$

$$x^2 - 8x + 16$$

Find Solutions to the following Quadratic Functions by completing the square. You must do it by completing the square!!

$$f(x) = x^2 + 6x + 8 = 0$$

$$f(x) = x^2 - 4x + 4$$

$$f(x) = x^2 - 8x - 9$$