1

Standard(s)

MGSE9-12.A.SSE.2 Use the structure of an expression to rewrite it in different equivalent forms.

For example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$.

Day 4 – Factor Special Products

Standard(s):	
What do you already know about the standards?	



Factoring Special Products	
Review: Factor the following expressions: 5 a. $x^2 - 49$ $A \equiv 1$ $b \equiv 0$ $c \equiv -49$ $b. x^2 - 25$ (x-7)(x+7) a. c $(X-5)(X+5)$ $(x+9)(x-9)-7/471. What do you notice about the "a" term? It is a perfect Square$	
2. What do you notice about the "c" term? It is a perfect square	
3. What do you notice about the "b" term? <u>It is missing</u>	









2

Perfect Square Trinomials

