## **Quadratics 4c - Complex Numbers**

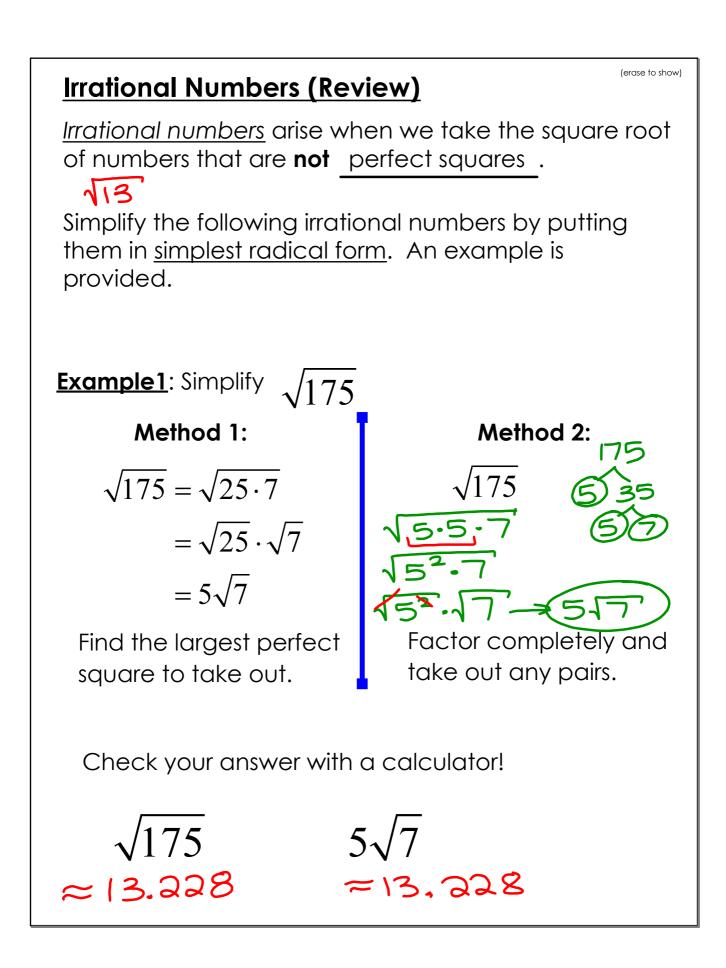
## Standards: N-CN.1, N-CN.2, N-CN.7

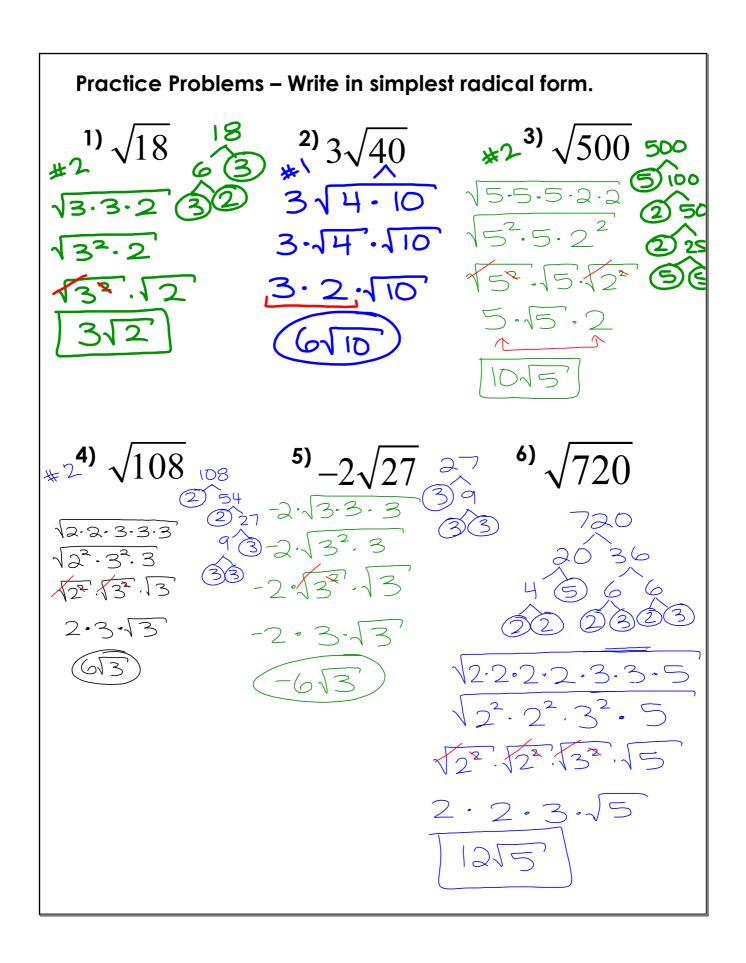
## Math Practice: Attend to Precision

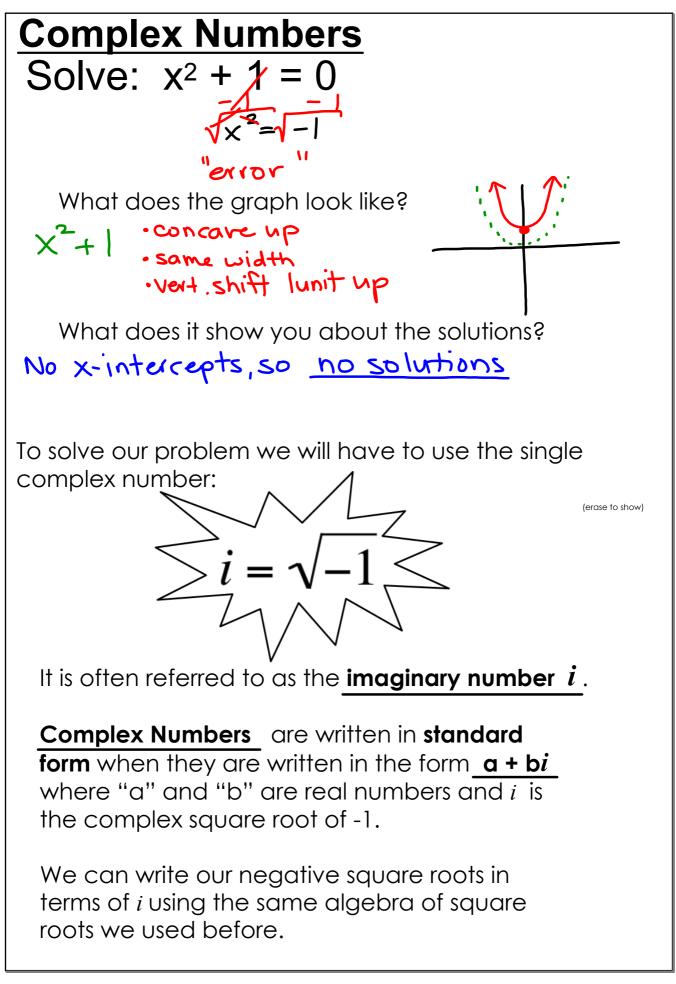
GLO: #3 Complex Thinker HW#16

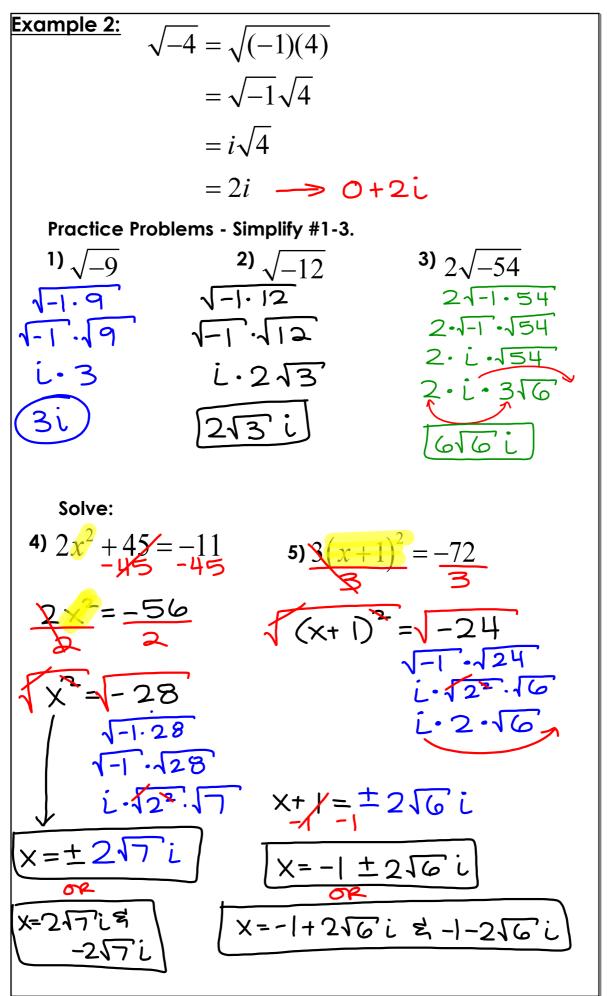
## Learning Targets:

How do you use imaginary numbers to simplify radicals? How do you add, subtract, & multiply complex numbers?









Oct 20-10:40 PM

So if 
$$i = \sqrt{-1}$$
, what is  $i^2$ ?  
 $i^2 = \sqrt{-1}$   
 $j^2 = -1$   
 $i^1 = i \Rightarrow \sqrt{-1}$   
 $j^2 = -1$   
What is  $i^3$ ? - i  
 $i^4$ ?  
 $j^{10} = -1$   
 $j^{10} = -1$ 

