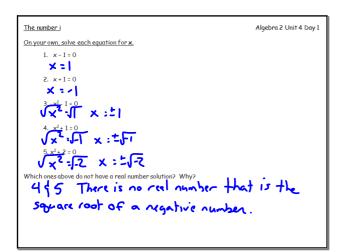
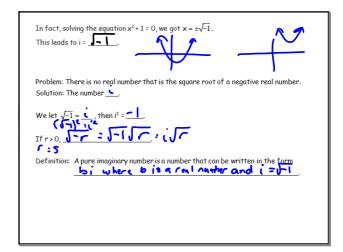
Day 1.notebook October 25, 2018





Sep 1-1:53 PM Jun 30-9:40 AM

Rules of i:

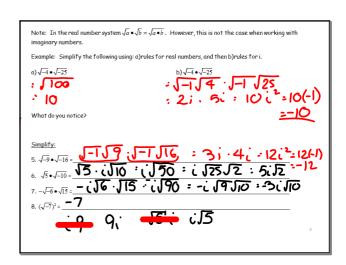
1. Change all expressions of the form $\sqrt{-b}$ to $i\sqrt{b}$ first

2. Treat i as a variable for addition and subtraction.

3. Substitute -1 for i 2

Simplify:

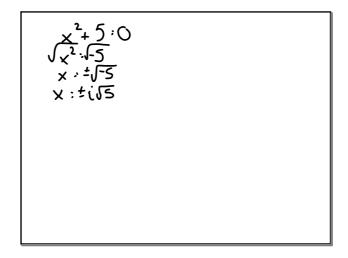
1. $\sqrt{-9} = \sqrt{-1} \sqrt{9} + 3$ 2. $\sqrt{-100} = \sqrt{-1} \sqrt{100} + 10$ 4. $2\sqrt{-27} = 2\sqrt{-1} \sqrt{9}$ 5. $\sqrt{-100} = \sqrt{-1} \sqrt{100} + 10$ 6. $\sqrt{-3} = \sqrt{-1} \sqrt{-1$



Sep 1-1:55 PM Sep 1-1:55 PM

Put everything away.

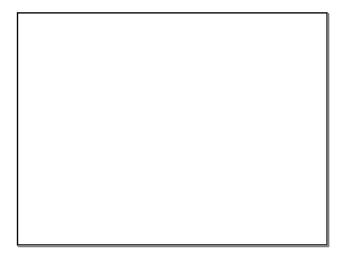
What are some things you learned about the number i today?



Jun 30-9:43 AM Oct 25-7:40 AM

1

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