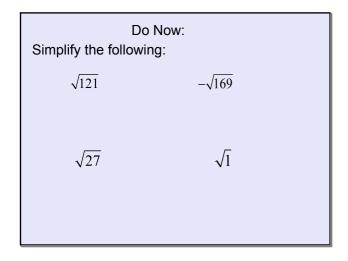
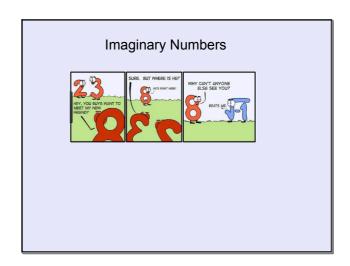
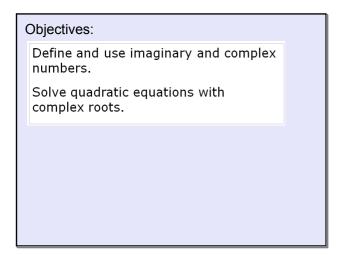
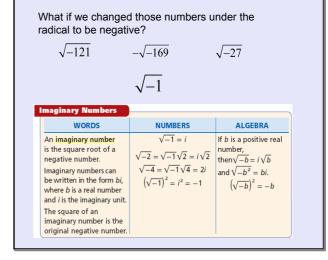
Section 2.5.notebook October 20, 2017





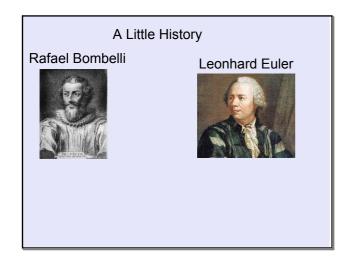
Oct 17-9:34 AM Oct 17-9:31 AM



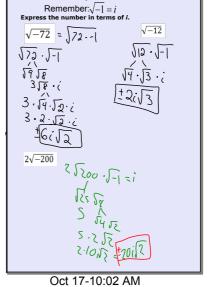


Let's look back at the Do Now...

Oct 17-9:34 AM Oct 17-9:40 AM



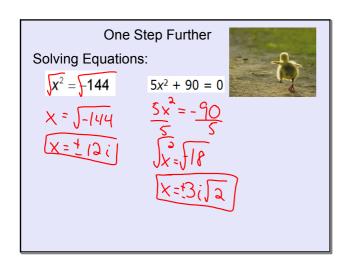
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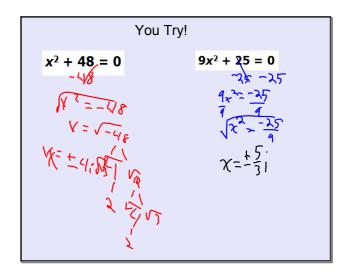


Try these!

Oct 17-10:02 /

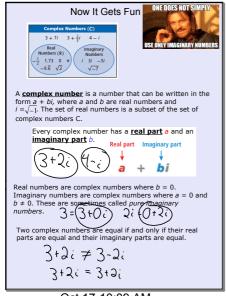
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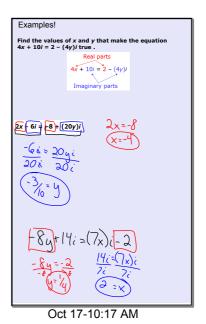


Oct 17-10:06 AM

Oct 17-10:09 AM



Oct 17-10:09 AM



More Complex Fun!

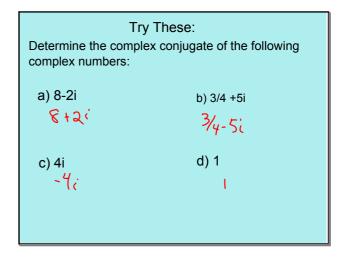
The complex numbers -5 + i√10 and -5 - i√10 are related. These solutions are a complex conjugate pair. Their real parts are equal and their imaginary parts are opposites. The complex conjugate of any complex number a + bi is the complex number a - bi.

Find each complex conjugate.

A. 8 + 5i

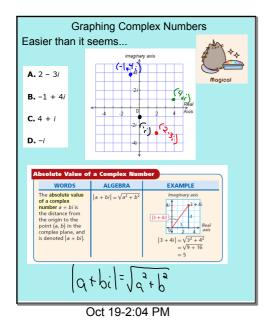
B. 6i ⇒ O ↑ 6;

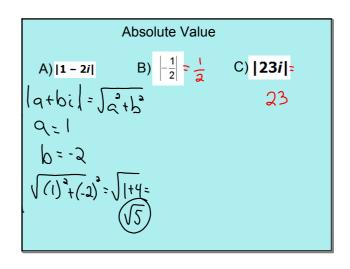
-6;



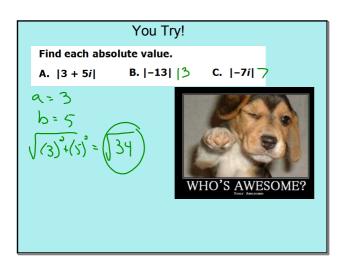
Oct 17-10:22 AM Oct 17-2:32 PM

2

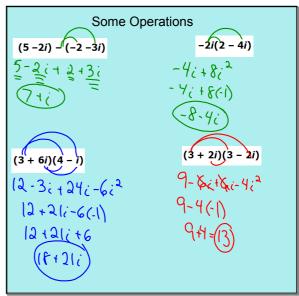




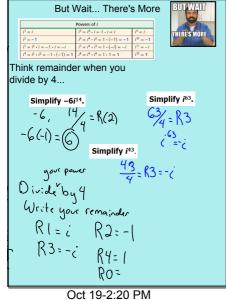
Oct 19-2:12 PM



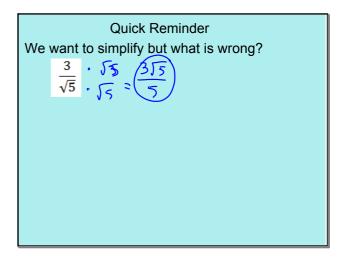
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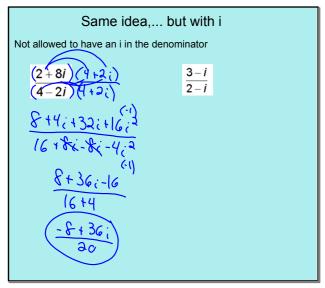
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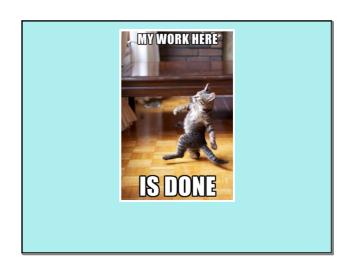


Oct 19-2:23 PM



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Oct 19-2:26 PM Oct 19-2:27 PM

Oct 19-2:29 PM