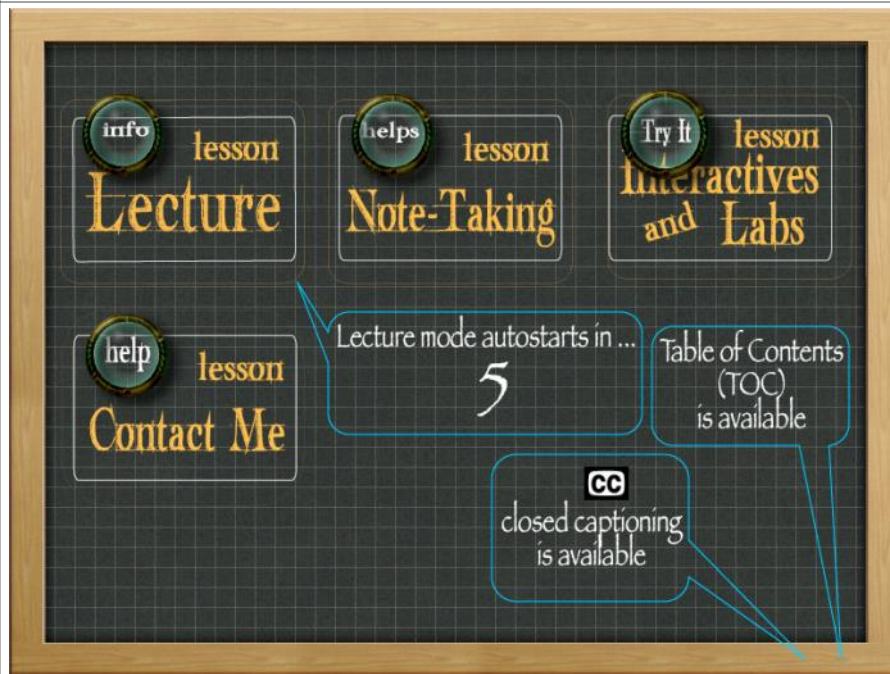


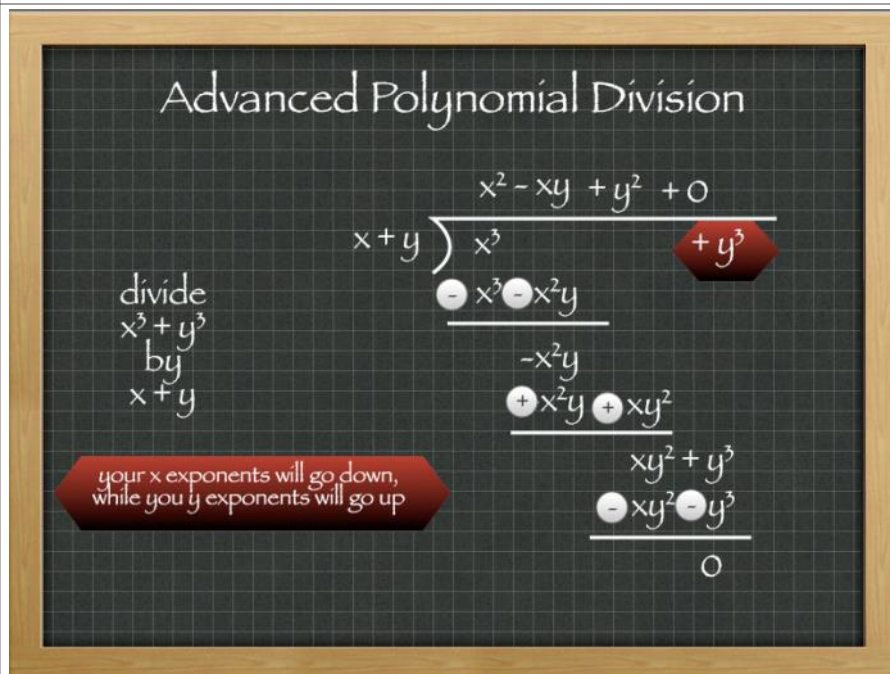
Advanced Polynomial Division

Thursday, January 19, 2012
5:36 PM

Slides



Notes



Advanced polynomial division takes you up a notch to have expressions with two variables instead of just one.

Here we will divide $x^3 + y^3$ by $x + y$.

You will find that one variable's exponent value will go down with each step while the other one will go up with each step, so we will place one variable on the far left under the division bar and the other one far to the right.

You will then divide as you would normally do and watch for the variable to the far right to get its match. Y is now up to the 2nd power ...

Now to the 3rd. We have a match and that indicates we are to the final step.

divide
 $x^3 + y^3$
by
 $x + y$

Next

Try this one on your own and
click here to see if you were
correct and how it was solved.

Congratulations!
You have completed
this topic

Give us feedback about
this lesson if you wish...

 **lesson**
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