

Poor Di Caprio….

Oh. Your HW has arrived. :)

Homework #1

Download this: <http://cdn.kutasoftware.com/Worksheets/Alg1/Solving%20Completing%20Square.pdf>

Do the **2nd page!** You don’t need me to check it. =.= the answner is the third and fourth page. Make sure they are right!

Homework #2

Radical Review.

Download this:

<https://www.dropbox.com/s/xpynj9h55rcjfxq/Simplifying%20Radicals%28simple%20version%29.pdf?dl=0>

Do everything. Answers attached.

Outline For Tutorial #3.

1. Review/Tutorial on Factoring Difference of Square.
2. Radical addition, subtraction, multiplicaiton and division.
3. Radicals with unknowns simplify!
4. Intro to Polynomials, Looking at third degree.
5. Factoring Difference of Cubes.
6. Factoring through Long division.

Preparations.

What you learned in the last few tutorial is the perfect square formula.

(X+Y)2=X2+2XY+Y2

You should keep this formula in your mind, because this is going to be important for much of your later math courses. You should also remember this formula. This is called the difference of square.

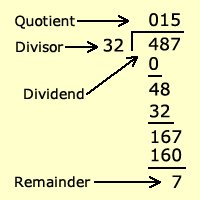
X2 – Y2 = (X+Y)(X-Y)

Try Factoring some the problems below. They are either perfect squares or difference of squares.

1. a2 + 4a + 4
2. 16t2 – 40t + 25
3. 49 - 14a + a2

1. *x*2 − 100
2. 25*m*2 − 9*n*2
3. *y*2 − 1

Remember long division that you used in Elementary School. The ones that looked like this?



Try that on some problems here.

1. 458÷25
2. 302÷45
3. 138÷4
4. 1218÷15