

## **PRECALCULUS LAB 1.2**

**You have 11 problems in Link 5 that must be completed so do not spend much time on links 1-4. They are just training for what is in Link 5**

**Remember to identify all work by Link #**

1. **Go to:** <http://archives.math.utk.edu/visual.calculus/0/shifting.7/index.html>  
(Try these for Review practice. **Do not spend more than 5 minutes here.** Way Cool!)
2. **Go to:** <http://www.purplemath.com/modules/polyends5.htm> (Read this explanation. Record some notes)
3. **Go to:** <http://www.purplemath.com/modules/polyends.htm> (Read this in depth discussion of polynomial graphs. Every time you are asked a question in green writing in the reading write it down. Try to answer it. Then correct your work in pen with the answer given.)
4. **Go to:** <http://tutorial.math.lamar.edu/Classes/Alg/ZeroesOfPolynomials.aspx>  
(Read the explanation here for finding the zeros of a polynomial.)
5. **Go to:**  
[http://education.yahoo.com/homework\\_help/math\\_help/problem\\_list?id=minialq2gt\\_6\\_1](http://education.yahoo.com/homework_help/math_help/problem_list?id=minialq2gt_6_1)  
(Do problems # 1, 4, 5, 6, 11, 12, 13, 18, 19, 23, & 24)

## **REFERENCES**

<http://www.themathpage.com/aPreCalc/synthetic-division.htm> (Prego!)

[http://www.mathwords.com/r/rational\\_root\\_theorem.htm](http://www.mathwords.com/r/rational_root_theorem.htm) (Lesson 4.4 material)

<http://www.factoring-polynomials.com/factoring-polynomials-5.htm> (notes on factoring in general-read as needed)

[http://www.wtamu.edu/academic/anns/mps/math/mathlab/col\\_algebra/](http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/) (notes on Factoring-read briefly)

[http://www.wtamu.edu/academic/anns/mps/math/mathlab/col\\_algebra/col\\_alg\\_tut4\\_radical.htm](http://www.wtamu.edu/academic/anns/mps/math/mathlab/col_algebra/col_alg_tut4_radical.htm) (notes on radical simplification-read briefly)

<http://regentsprep.org/Regents/mathb/mathb-topic.cfm?TopicCode=7b3> (Notes on geometric transformations)

<http://www.mathguide.com/cgi-bin/quizmasters/Factoring.cgi> (Practice factoring quadratics)

[http://people.hofstra.edu/Stefan\\_Waner/calctopic1/scaledgraph.html](http://people.hofstra.edu/Stefan_Waner/calctopic1/scaledgraph.html) (Great reference for learning how to apply transformations for graphing manually)