# Homework

### Math 1060Q– Fall 2013
### Professor Hohn

All worksheets will be collected at the beginning of class the day that they are due!

**Week 1** − The following exercises are due during the week of **Aug. 26-31**:

> **Online:**
> **8-28:** Arithmetic and simplification
> **8-29:** Solving equations
> **8-30:** Absolute value

**Week 2** − The following exercises are due during the week of **Sept. 1-7**:

> **Online:**
> **9-2:** Inequalities and interval notation
> **9-5:** Functions
>
> **Worksheets:**
> **9-3:** Arithmetic with fractions (click here for a review combined with the exercises),
> Exponents (click here for a review combined with the exercises),
> Solving equations (click here for a review combined with the exercises),
> Solving inequalities (click here for a review combined with the exercises),
> Absolute value (click here for a review combined with the exercises)

**Week 3** − The following exercises are due during the week of **Sept. 8-14**:

> **Online:**
> **9-8:** Functions, again
> **9-13:** Lines
> **9-14:** Quadratic functions
>
> **Worksheets:**
> **9-10:** Function notation (click here for a review combined with the exercises)
> **9-12:** Completing the square (click here for a review combined with the exercises)

**Week 4** − The following exercises are due during the week of **Sept. 15-21**:

**Online:**
**9-15:** Function examples
**9-16:** Exponential functions
**9-20:** Combinations of functions
**9-21:** (De)composing functions

**Worksheets:**
**9-19:** Compositions of Functions (click here for a review combined with the exercises)

**Week 5** −  The following exercises are due during the week of **Sept. 22-28**:

**Online:**
**9-22:** 1-1 and inverse functions
**9-27:** Inverse functions, again
**9-28:** Logarithms, polynomials

**Worksheets:**
**9-26:** Inverse Functions (click here for a review combined with the exercises)

**Week 6** −  The following exercises are due during the week of **Sept. 29-Oct. 5**:

**Online:**
**9-29:** Polynomial division
**10-4:** Rational functions
**10-5:** Applications of functions

**Worksheets:**
**10-1:** Calculating Logarithms (click here for a review combined with the exercises)
**10-3:** Rational Functions (click here for a review combined with the exercises)

**Week 7** −  The following exercises are due during the week of **Oct.6-12**:

**No homework!** Enjoy your weekend.

**Week 8** −  The following exercises are due during the week of **Oct.13-19**:

**Online:**
**10-17:** Unit Circle
**10-18:** Basic trig functions
**10-19:** Trig functions

**Worksheets:**
**10-17:** The Unit Circle (click here for a review combined with the exercises)

**Week 9** −  The following exercises are due during the week of **Oct. 20-26**:

**Online:**
**10-20:** Solving trig equations, part 1

**10-24:** Trig applications
**10-25:** More trig applications
**10-26:** Graphing trig functions

**Worksheets:**
**10-22:** Solving Trig Equations I (click here for a review combined with the exercises)

**Week 10** – The following exercises are due during the week of **Oct. 27-Nov. 2**:

**Online:**
**10-31:** Inverse trig functions
**11-1:** More inverse trig functions
**11-2:** Solving trig equations, part 2
**11-3:** Even more trig applications

**Worksheets:**
**10-31:** Inverse Trig Functions (click here for a review combined with the exercises)

**Week 11** – The following exercises are due during the week of **Nov. 3-Nov. 9**:

**Online:**
**11-3:** Even more trig applications
**11-8:** Trig identities
**11-9:** Solving trig equations, part 3

**Worksheets:**
**11-5:** Solving Trig Equations 2 (click here for a review combined with the exercises)
**11-7:** Solving Trig Equations 3 (click here for a review combined with the exercises)

**Week 12** – The following exercises are due during the week of **Nov. 10-Nov. 16**:

**No homework!**

Have a good weekend!

**Week 13** – The following exercises are due during the week of **Nov. 17-Nov. 23**:

**Online:**
**11-21:** Properties of logarithms
**11-22:** Solving exp/log equations
**11-23:** More on solving exp/log equations

**Worksheets:**
**11-21:** Rules of Logarithms (click here for a review combined with the exercises)
**11-21:** Exponential and Logarithmic Equations (click here for a review combined with the exercises)

**Week 14** – The following exercises are due during the week of **Nov. 24-Nov. 30**:

**No homework!**

Have a great Thanksgiving break!

**Week 15** – The following exercises are due during the week of **Dec.1-Dec. 7**:

**Online:**
**12-5:** Exponential modeling, part 1
**12-6:** Exponential modeling, part 2

**Worksheets:**
**12-5:** Exponential Growth and Decay (click here for a review combined with the exercises)