

Mu Alpha Theta

2011 – 2012 Log1 Contest

Round 1: Pick a Topic Test

Circles, Polygons, Pi

Any concept having to do with circles and/or polygons.

Equations and Inequalities

Solve a variety of equations and inequalities. In some cases, word problems may be given for which the student will have to first set up the equation or inequality.

Date: December ____, 2011

Location: _____ Time: _____

Round 2: Pick a Topic Test

Number Theory

Advanced number theory, factors, primes, modulo, bases, etc.

Applications

Primarily word problems at the Algebra 2 (Theta), Pre-calculus (Alpha) and Calculus (Mu) levels.

Date: January ____, 2012

Location: _____ Time: _____

Round 3: Individual Test

15-problem, 30-minute, Individual test of general mathematics knowledge.

Date: February ____, 2012

Location: _____ Time: _____