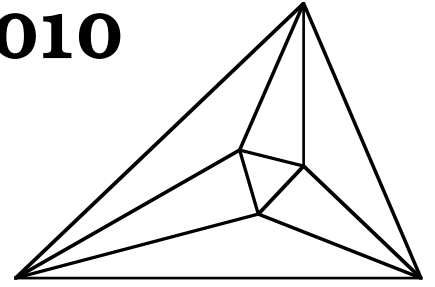


Meet 1 - Team Event 2009-2010

Questions are worth 4 points each.
Remember your units.



NO CALCULATORS ALLOWED

- _____ 1. Solve for x : $\frac{3x}{14} - \frac{1}{2} = 1$
- _____ 2. Write the equation for: The product of a number and one more than the number is the number increased by seven hundred seven. Let the number be n .
- _____ 3. Factor 560 into primes to the appropriate power.
- _____ 4. It is now four times as long since noon as it will be until 1 pm. What time is it?
- _____ 5. Simplify to a mixed number: $\frac{3}{4} + \frac{2}{5} - \frac{1}{10} = ?$
- _____ 6. Find the GCF of 63, 81, 108.
- _____ 7. In the word "mississippi," what fraction of the letters are "i"?
- _____ 8. Simplify: $\frac{7}{8} \div \frac{21}{32} + \frac{1}{6} \times 4 = ?$
- _____ 9. What fraction of a circle does the hour hand of a clock move through in one minute?
- _____ 10. Simplify: $12 + 4(-5) - 9 \div 3 - 2(-3 + -1) = ?$