ASE Handouts

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Home of the Dalmations - Anne Sullivan Elementary

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Introduction

1   Motivation

I believe people benefit most from a set of notes paired with instruction. Therefore, I will try to write my notes in an organized fashion for easy viewing.

2   Goals

There exists two groups in the **ASE Math Club**:

1. Novice Group

2. Advanced Group

For the **Novice Group**, a few things must be emphasized:

- Theory - this includes theorems, formulas, methods, etc.

- Heuristics[1]

For the **Advanced Group**, a few things must be emphasized:

- Advanced Theory - same as Novice Group, but with more advanced techniques

- Efficiency - this includes finding the best method, and being able to speed about calculation time

Here are the **ambitious goals** of each group:

1. Novice Group - get into Advanced Group

2. Advanced Group - beat all other advanced groups of other schools in competitions

3   Short List of Topics

To request topics, click here. Here is the list so far:

1. Euler's Totient Function

2. Case Work

3. Modular Arithmetic

4. Probability

5. Trigonometry

6. Equations and Variables

7. Quadratics

8. Triangles

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[1]This just means problem solving techniques.