Congratulations on your excellent performance on the AMC, AIME, and USAMO tests. We understand you have complete all the homework problems. Of course, you are eager to continue with maximum dedication to improving your problem solving skills. For your benefit, we have prepared additional set of problems. Full write-ups for all problems are expected at the beginning of Wednesday morning session. Even if some may seem difficult, you must dedicate full effort to solving them. All of you are highly talented, but you may have a disappointing start if you do not put in enough energy here. If you fail, try again (and harder). If you fail again, try again. This is simple induction on effort! Consider this the first test of your independent problem solving skills.