ACKNOWLEGEMENT

Firstly I would like to thank ALLAH ALMIGHTY for giving me the audacity, sanctioning me with acquaintance and confidence to finish this thesis.

In this chance I want to owe my deepest and profound gratitude to my thesis advisor mister Drs.Parapat Gultom, MSIE, Ph.D who guided and gave me advices from the beginning until the end of writing process of this thesis. And I want to extend gratitude to Prof. Dr. Asmin, M.Pd, Dr.W.Rajagukguk, M.Pd, Mulyono, S.Si, M.Si as my examiner who given me advices in this thesis writing process.

Thanks to Prof. Drs. Dian Armanto, M.Pd, MA, M.Sc, Ph.D as my academic advisor who has given me suggestions and advices along study in State University of Medan. Thanks to Prof. Dr. Ibnu Hajar, M.Si as head of Medan State University, Prof.Dr.Motlan,M.Sc.Ph.D as Dean of Faculty of Mathematics and Science, Prof. Dr. Mukhtar, M.Pd as Head of Mathematics Department, Drs. Syafari, M.Pd as Head of Mathematics Education Program, Prof. Dr. Herbert Sipahutar, M.Sc as Coordinator of Bilingual Program, and for all lecturers and Staff in Faculty of Mathematics and Science, University of Medan.

Thanks to Drs. H.Adrul as the Principle of SMP Negeri 1 Tebing Tinggi that given chance to me to do the research, Mr. Saheri, S.Pd and Mr. Purnawanto S.Pd, M.Pd as mathematics teachers and all the teachers in SMP Negeri 1 Tebing Tinggi who helped me when the research is held.

The special gratitude I want to deliver to my lovely parents, my mother and my father that given me a lot of love, pray, motivation and spirit to finished my study in State University of Medan. Thanks to my brother, Yusrizal and Ahmad Khairi for the motivation and spirit that given to me.

And the special thanks to my friends Yanti, Eva, Emil, Siti, Farah and all of my friends in Mathematics Bilingual Class '08 that given spirit, motivation and helped me from the beginning until the end of my study process in UNIMED. The last, I want to say thanks to my lodge friends (Tusam Family) when I had my practical teaching program in SMP Negeri 1 Tebing Tinggi.

I realized that there are still many weaknesses in contents and grammar in this thesis, so I received the critics and advices from the reader that can make this thesis better. I hoped this thesis can be useful in education world.

Medan, 25 July 2012

Writer,

Efrida Fitri

NIM. 408 111 006

