PREFACE

Give thanks to Almighty God for gives blessing, health, and wisdom to the author until the thesis entitled "Implementation Numbered Heads Together (NHT) Type of Cooperative Learning Model to Improve Students' Mathematical Learning Achievement at Grade VIII SMP N 2 Porsea Academic Year 2014/2015" was finish. This thesis was arranged to fulfill the requirement for Sarjana Pendidikan degree of Mathematics and Natural Science Faculty in State University of Medan.

In the completion of this thesis, the author was achieves so many helps and supports from various sides. For that, the author says thank you so much to Prof. Dr. Hasratuddin, M. Pd as thesis supervisor who patiently guides the author by giving advice, input, and remarks. Also the author says thank you so much to Prof. Dr. Muhktar, M. Pd, Prof. Dr. Edi Syahputra, M. Pd and Drs. Syafari, M. Pd as examiner lecturers for reviewing thesis by give input and great comments for this thesis perfection. Author says thank you so much to Prof. Dr. Sahat Saragih, M. Pd as academic supervisor who gives advices during lecturing process and also thank you so much for all FMIPA lecturers.

Big thanks are extended to Prof. Dr. Ibnu Hajar, M. Si. as rector of State University of Medan and employee staff in office of university head, Prof. Drs. Motlan, M. Sc., Ph.D as Dean Faculty of Mathematics and Natural Sciences and to coordinator of bilingual Prof. Dr. rer.nat. Binari Manurung, M. Si., Drs. Syafari, M. Pd. as Chief of Mathematics Department, Zul Amry, M. Si. as Chief of Mathematics Education Study Program, Drs. Yasifati Hia, M. Si as Secretary of Mathematics Education, and all of employee staff who have helped the author.

The author gives special thanks to lovely mother Roma Ros Saragih, S.Pd and lovely father Pelda Jonni Purba (+) who patiently raise the author well and become the best motivator to the author until now. Thank you Mom and Dad. Thank you so much to warm family's members: Hendra Jasman Purba, S.Si (the only one brother), Lestari Anita Purba, Amk (Rika Onesan), Arny Masnita Purba

(UUD 45), Gita Christy Purba (magnae sister) and also to Gawei Rosa, Kasih Aurora Purba (niece/enemy) and Klarisa Maura Purba (silent baby) who always give supports and prays and also thanks to Cherry (Charolina Lumban Gaol and Eventina Monance Sitorus) as best friend for give motivations.

The author says thank you so much to Mananti Simanjuntak, S. T as school principle, Elpina Gurning, S. Pd as mathematics teacher, all of teachers and staffs, and also VIII-1 students in SMP Negeri 2 Porsea for helping the author during research action.

Special thanks to big family in Bilingual Mathematics Class 2010: Bdul, Anggi, Dian, Dwi, Elfan, Erlin Chingu, Kiki, Ana, Princess Lia, Mila, Maria Yeppo, Martiin, Meiva, Melin, Nelly, Om Surya, Petraaa, Ibu Rully, Tika, SLa, Siti, Uli, Mimi and PPLT Berastagi's members: Eka Choi, Feggi, Fredika, HaJe, Ika, Rindy, Shanti, Sinitta and also thanks for Marindal's community: Bang Indra Purba, Kak Nova Sinaga, and Kak Indah Sinaga who give supports and motivations during completion of thesis.

The author already gives the big effort to write this thesis, and about the weakness of thesis the author need some suggestions to make it better. For the last, the author hopes the contents of this paper would be useful in enriching the knowledge.



Medan, September 01st 2014 Author,



Riny Purba ID. 4103312023