

## PREFACE

Praise and great thanks to Allah SWT that gives the amazing grace, love, strength and health so that writer can finish this thesis. The title of this thesis is “The Comparison Of Students' Learning Outcomes on The Topic of Linear Equation in One Variable by Using Problem Based Learning (PBL) Model and Student Teams Achievement Diviasion (STAD) in Grade VII SMP Negeri 28 Medan ”. This thesis was arranged to satisfy the requirement to obtain the Degree of Sarjana Pendidikan from Faculty Mathematics and Natural Science in State University of Medan.

In the completion of this thesis, the writer received support from various parties, therefore it was appropriate writer big thanks to Mr.Drs.Yasifati Hia, M.Si as my thesis supervisor who has provided guidance, direction, and advice to the perfection of this thesis. Thanks are also due to Mr.Prof. Dr. Pargaulan Siagian, M.Pd , Mr.Drs. Zul Amry, M.Si, P.hD and Mr.Dr. Edy Surya, M.Si as author’s examiners who have provided input and suggestion from the planning to the completion of the preparation of the research of this thesis. Thanks are also extended to Mr.Dr. Edy Surya, M.Si as academic supervisor and then thank you so much for all author’s lecturer in FMIPA Unimed.

My thanks are extended to Mr.Prof. Dr. Syawal Gultom, M.Si as rector of Unimed, Mr.Dr. Asrin Lubis, M.Pd as Dean of Mathematics and Natural Sciences Faculty and to coordinator of bilingual Mrs. Dr. Iis Siti Jahro, M.Si, Mr.Dr. Edy Surya, M.Si as Chief of Mathematics Department, Mr.Drs. Zul Amry, M.Si, Ph.D as Chief of Mathematics Education Study Program, Mr.Drs. Yasifati Hia, M.Si as Secretary of Mathematics Education, and all of employee staff who have helped the author.

Thanks to Mr. Horas Pohan, S.Pd as principle of SMP Negeri 28 Medan, Mrs. T.Sinaga, S.Pd as mathematics teacher and all teacher, staffs and also the students in grade VII-1 and VII-2 SMP Negeri 28 Medan who have helped writer conducting the research.

Especially I would like to express my gratitude to my dear father Edy Supriadi and my dear mother Mrs. Radiah Djambak, S.Pd continues to provide motivation and prayers for the success of me completed this thesis. Special big thanks to my beloved sister Oliviana, A.md and Also my brother Achmad Mustofa for giving support even moril or material and all my family for all pray, motivation, and support until the end of my study.

I also thanks to my lovely best friends which always help me and support in every condition without any exception. Especially for Endah Khairin, S.E, Chairani Siregar, A.Md, Beby Eka Jaya, Fisky F.S, Kiki Youlanda, S.E, for all of the suggestion and incredible advice. Thank you very much for Debby Masteriana, S.Pd and Widi Aulia Widakdo, S.Pd for every helping you've given as my sisters in this university. I love you and thanks for every spirit my little family Bilingual Mathematics Education 2009.

At last, the author has finished this thesis in maximum level but author realized there are some imperfections. For that, the author asks for building comments and suggestions in order to reach the perfection of this thesis. The author wishes that this thesis would be useful to improve the knowledge should give a big effort to prepare this thesis, and the writer know that this thesis have so many weakness. So that, the author needs some suggestions to make it this be better. And big wishes, it can be improve our knowledge, understanding and enrich the science education.

Medan, February 2016

Author,

Widia Shopa

ID. 409312014

THE  
*Character Building*  
UNIVERSITY



THE  
*Character Building*  
UNIVERSITY