

PREFACE

First of all, the author is grateful to God for His blessing and chance for me to finish the study and complete this thesis entitled **“Analysis of Student’s Ability to Solve High Order Thinking Skills (HOTS) Problems in Terms of Students Mathematical Initial Abilities On The Circle Topic in Class XI MIA 1 in SMA N 1 Perbaungan A.Y 2018/2019”**. The authors recognize that the completion of this thesis thanks to the help of moral and material from various parties.

The author’s special sincerest thanks is expressed to Mr. Dr. Kms. M. Amin Fauzi, M. Pd as her thesis supervisor for his advice, encouragements, suggestion, and knowledge that had been contributed to help the author in compiling this thesis so that this thesis could be finished. Then the author also says thanks to Mr. Drs. Yasifati Hia, M.Si. as his academic supervisor for his advice, suggestion, and motivation from beginning and finishing his study. The author’s special thanks given to Mr. Prof. Dr. Asmin Panjaitan, M. Pd, Mr. Dr. Zul Amry, M.Pd., Ph. D, and Mr. Dr. Syafari, M. Pd as the committee of her thesis for their willingness to correct, giving advices, encouragements, suggestions, and knowledge that had been contributed to help the author in compiling this thesis. The author also gives thanks to Mr. Prof. Dr. Syawal Gultom, M.Pd as Rector of State University of Medan, Mrs. Martina Restuati, M.Si. as Dean of Faculty of Mathematics and Natural Science, Mr. Pardomuan Sitompul, M.Si. as Head of Mathematics Departement, Mr. Lasker Pangarapan Sinaga, S.Si., M.Si. as Secretary of Mathematics Department, Mrs. Dr. Iis Siti Jahro, M.Si. as Coordinator of Bilingual Program, and Mrs. Nora Susanti, S.Si., M.Sc., Apt. as Secretary of Bilingual Program for all valuable guidance and contribution to this thesis. Big thanks for all lectures of Mathematics Department and all administrative staff at the faculty, department, and bilingual program for their guidance and administrative assistance given and I also Thank Ma’am Martina Napitupulu, M. Sc for helping me and supporting me during doing my thesis. Then, also give thanks to Mr. Drs. Riadi M. Pd. as Headmaster of SMA Negeri 1

Perbaungan, Mr.Dr, Syahlan, S.Pd. as Mathematics Teacher at SMA Negeri 1 Perbaungan, and also all of teachers and staff in SMA Negeri 1 Perbaungan who help author in doing and finishing this research.

This research can not be compiled well without the everlasting love and pray from author's beloved parents, Abdul Hamid Sidauruk and Delfina Situngkir, also for author's siblings, Jenny sidauruk, S.Pd, Bardo Sidauruk for their support, motivation, material, and pray so that the author can face the problem during his academic year at university. Big thanks to this thesis compiled from strength, pray, and motivation to author by thesis partner Dame M Panjaitan S. Pd. Big thanks for all friends of Bilingual Mathematics Education 2014 members and friends of Bilingual Mathematics Education 2015 members, thank you for support and togetherness for the past 4 years and . Also, thanks to PPLT SMA Negeri 1 Perbaungan for our three months togetherness of our experience as a real teacher, for Terong Cabe Small Group, Jupiter Simbolon, S.Pd, Elisa Nainggolan, S. Pd, Gayatri Sianturi, S. Pd and Crhystin Siahaan, S. Pd. their support, motivation, togetherness, and pray so that the author can finish his study, and for By Love members Nike Sondang, Yesika Erina, Darmita Lumbangaol, Vina Parangin angin and Purnama Dewi for their support and motivation that help author's to finish his study.

The author knows this thesis have many weakness and insufficiency, so for the reader who have any suggestion or criticism for this thesis, author welcome it. The author hopes that this thesis can help many parties in order to make the educational system in Indonesia better than before. Thanks.

Medan, July 2019

Author,

Tomson Sidauruk

ID. 4143312034