PREFACE

Praise and gratitude to God Almighty who has given His love and grace, so that the author can complete this thesis well. This thesis entitled "The Effect of The Problem-Based Learning Model on Students' Mathematics Problem Solving Abilities", which is prepared to fulfill some of the requirements needed to achieve a Bachelor of Education degree in the Mathematics Education Study Program, Faculty of Mathematics and Natural Sciences (FMIPA), Universitas Negeri Medan (UNIMED).

In the completion of this thesis, the author received a lot of help and guidance from several parties, both directly and indirectly. For this reason, the author expresses the gratitude and appreciation to:

- Mr. Prof. Dr. Baharuddin, S.T., M.Pd. as the Rector of Universitas Negeri Medan for the opportunity for researchers to complete S-1 at Universitas Negeri Medan.
- 2. Mrs Dr. Ani Sutiani, M.Si. as the Dean of the Faculty of Mathematics and Natural Sciences of Universitas Negeri Medan.
- 3. Mr. Dr. Pardomuan Sitompul, M.Si. as the head of the mathematics department of Universitas Negeri Medan.
- 4. Mr. Dr. E. Elvis Napitpulu, M.S. as the thesis supervisor who has provided time during his busy to guide, motivate and direct the author through each stage of the preparation of this thesis.
- 5. Mr. Mangaratua M Simanjorang, M.Pd., Ph.D., Mrs Nurhasanah Siregar, S.Pd., M.Pd., and Mrs Ade Andriani, S.Pd., M.Pd. as the examiners who have given many suggestions and directions to improve this thesis.
- 6. Mr. Prof. Dr. Asmin, M.Pd., Mrs Nadrah Afiati, M.Pd. as the validators who help the author to finish the research.
- 7. Mrs. Syailendra Candra, S.Pd., as a mathematics teacher at SMP Negeri 6 and all students of VIII-J and VIII-I who help the author to finish the research.

8. Especially for the author's parents, many thanks to the beloved father Richard Sitinjak and dear mother Ir. Irawati Berliana Siregar and my brother Martinus Yudha Crisanto Sitinjak, Amd.Kom for every support and prayer that never stops saying, for the effort of sweat and tears, for the love that never decreases, and the hope that never disappears. Thank you for not demanding more than the author's ability so that the process of preparing this thesis can run well.

9. All MESP 2020 classmates, Especially Ardi P. Manurung, Yessica I. Purba, Putri A. Nababan, S.Pd, Ginanty Nababan, Gresi Y. Sihombing, Rina R. M. Saragih for helping the author in the process of the proposal seminar and thesis examination, and taking the time to help and brainstorming with author in the process. God bless you always.

10. All members of Youth GPI SM Raja, who give the author support and motivation and praying. God bless you always.

11. To all the people who have not been able to write their names here, but also to accompany and provide support to the author during this time.

12. William Bermand Christopher Sitinjak as the author who has been enthuastic about studying abroad to get a bachelor's degree. You are amazing and strong. In everything give thanks. Always be a salt of the earth and light of the world.

The researcher realizes that this thesis is still at an imperfect stage and there are still many shortcomings. However, the researcher expects constructive criticism and suggestions for the perfection of this thesis. Hopefully, this thesis will benefit all readers and contribute to improving education quality.

Medan, 4 November 2024

Author

William Bermand Christopher Sitinjak

4201111035