CHAPTER V
CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the results of the research and discussion that has been described, the following conclusions are obtained:

1. The increase in mathematical problem solving ability of students in grade VIII-C SMP Negeri 10 Medan after applying the Guided Discovery Learning model increased in cycle II by 19.08. Based on the results of the problem solving ability test in cycle I, the average ability of students' mathematical problem solving ability was 66.21 which was in the medium category. However, in cycle I, it has not met the success indicator, namely the percentage of classical completeness of at least 85% with a minimum score of 75, so the research was continued to cycle II. In cycle II students' mathematical problem solving ability increased with an average of 85.29 which is in the high category.
2. The classical completeness of VIII grade students of SMP Negeri 10 Medan through Guided Discovery Learning model is seen from the mathematical problem solving ability test results that have been analyzed. In cycle I, there were 16 students who achieved classical completeness with a presentation of 50% and in cycle II there were 29 students who completed with a minimum score of 75 with a percentage of 90.62%. Thus, the increase in student learning completeness from cycle I to cycle II was 13 students or 40.62%. So it can be stated that the class has met classical completeness.

5.2 Suggestion

Based on the conclusion, the researcher provides the following suggestions:

1. Mathematics teachers are advised to apply the Guided Discovery Learning model in learning mathematics as an alternative to improve students'

mathematical problem solving ability. Teachers can continue to develop students mathematical problem solving ability and make more active in learning activities both in expressing ideas or opinions to solve mathematical problems and asking the teacher about things that have not been understood. It is expected to always conduct an evaluation and reflection at the end of the learning that has been carried out, so that the shortcomings found by teachers and students can be corrected and can improve the success of learning in the next class.

2. To future researchers who want to further examine the same topics and problems, they should pay more attention to the right learning model and strategy in order to achieve learning success. It is recommended to focus more on increasing the indicator of looking back or evaluating completion in order to achieve learning success in improving problem solving ability.