

CHAPTER V

CLOSING

5.1. Conclusion

Based on the results of the research and data analysis, the following conclusions were reached: As a result of using the open-ended application with the probing-prompting method in class VIII-5 of SMP Negeri 1 Binjai in the 2021/2022 academic year, it can be concluded that students' mathematical problem solving abilities improve from score of N-Gain calculation, which the result of N-gain interpretation in High category.

The application of an open-ended approach with probing-prompting methods to students' mathematical problem-solving ability is improving. Students who use the open-ended approach with probing methods and those who use the conventional model have different mathematical problem-solving abilities. Different effects resulted in different models in class. Furthermore, the category of n-gain is obtained, namely the experimental class is high, indicating that the open-ended approach with probing-prompting methods used is improving the students' mathematical problem-solving ability. While the control class category is medium, this indicates that the conventional model used is sufficient to improve students' mathematical problem-solving ability.

5.2. Recommendation

1. Student

Students should prepare before learning and be serious about participating in class and following the teacher's instructions.

2. Teachers

Teachers, particularly those teaching mathematics at SMP Negeri 1 Binjai, can use the open-ended approach with probing-prompting methods as an alternative and variation in learning to improve students' mathematical problem-solving ability.

3. Researcher

It is expected that other researchers who will use this method in their research will be equipped with the ability to apply this model as well as possible so that they are better in managing class, implementing models, and controlling students as well as the time set.



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