

CHAPTER V CLOSING

5.1. Conclusion

The research entitled “The Effect of Applying Realistic Mathematic Education Learning Approach On Students’ Reasoning Skill In the Subject of Series and Sequence At SMA Negeri 8 Medan” conclude that:

1. Based on the result of Hypothesis-testing using SPSS, there is an Effect on Applying Realistic Mathematic Learning Approach on Students Reasoning Skills In the Math Subject of Series and Sequence in Grade XI at SMAN 8 Medan. This can be seen from the significance value for the two-tailed test is observed as $0.035 < 0.05$. Then, H_0 (There is no influence of applying RME on students’ reasoning skills) is rejected and H_a (There is an influence of Applying RME on students’ reasoning skills) is accepted.
2. Based on N-Gain value, it can be observed that the effectiveness of Realistic Mathematic Learning Approach on students’ reasoning skills in the math subject of Series and Sequence in Grade XI at SMAN 8 Medan is 0.21 or 21%. It means the contribution by applying RME on students’ reasoning skills only occurs by 21%.

5.2. Recommendation

1. Teacher

For teachers, especially mathematics teacher at SMAN 8 Medan, it is hoped that teacher will pay attention to the students’ of reasoning skills. Teacher also has to design learning processes that can improve students’ reasoning skills and train student to get used to working on question that can improve students’ reasoning skills.

2. Researchers

For other researcher who will use this topic in their further research, it is expected to equip them with the ability to apply Realistic Mathematic Learning Approach as well as possible so the implementation and the result will be better.