

CHAPTER V

CLOSING

5.1 Conclusion

Based on the research results obtained, it can be concluded that:

- a. The application of the PBL model using VBL had an effect on students' mathematical problem solving abilities in the material of a two-variable linear equation system in class X SMK Negeri 14 Medan. Students who are taught using the PBL model using VBL have better problem solving abilities than those taught through the direct learning model.
- b. The effect size of the treatment given is 1,3 with a percentage of 90%. These results indicate that there is a high level influence of the application of the PBL model using VBL on the mathematical problem solving abilities of students at SMK Negeri 14 Medan.

5.2 Suggestion

- a. Students

Researchers suggest that students prepare before learning and continue to practice their problem-solving abilities. They should also pay attention to and follow the directions given by the teacher.

- b. Teacher

This research can be used by teachers and even schools to improve students' abilities and become an alternative solution when facing situations that force the re-implementation of online learning. The video given should be a video made by the teacher and show with a projector in the classroom.

- c. Researcher

For researchers who will use this model for continuous research, it is better to prepare and coordinate classes better.