

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on result of analysis and observation, so it can be taken some conclusions such as:

1. Based on problem solving ability test I in cycle I and problem solving ability test II in cycle II, there exist increasing of average of class score. Average of class score increases 10.29%. By using gain score formula, it is obtained that the gain score is 0.25. Based on gain score criteria, increasing of mathematics problem solving ability of student is classified into low category.
2. Based on problem solving ability test II in cycle II and observation II, got that level of student mastery is 88.46% that means that completeness of student learning is complete classically, attainment of basic competence indicator at whole achieves 75% that means that completeness attainment of basic competence indicator is achieved and observation II shown that teacher ability is very good and student activity is good. So, problem based learning model is effective in learning of trigonometry topic in grade X.
3. Based on response questionnaire result, students are interested, happy and love learns mathematics by implementing problem based learning model especially in trigonometry topic.

5.2. Suggestion

Based on the conclusion above, researcher proposes some suggestions such as:

1. To mathematics teacher, especially to mathematics teacher of SMA Negeri 1 Perbaungan, implementation of PBL model can be one alternative to increase mathematics problem solving ability of student, especially in topic of trigonometry.

2. To teacher and all school party of SMA Negeri 1 Perbaungan, in order to keep trying to develop and to find creative innovation of mathematics learning especially that relates to PBL model such as combine PBL model with cooperative learning such that mathematics learning in class be more interesting and please.
3. To advance researcher, in order to make result and instrument in this research as consideration material to implement learning by using PBL model in topic of trigonometry or another topic and can be developed for advance research.

