CHAPTER V
CONCLUSION AND SUGGESTION

1.1 Conclusion

Based on the results and the discussion in chapter IV so the conclusion in this research are:

1. Implementation problem-based learning model can increase students mathematical problem solving ability in class XII SMA Negeri 1 Perbaungan academic year 2018/2019
2. Increasing students' mathematical problem solving ability after implementation problem-based learning determined based on test I and test II. Average score in cycle I is 55.3% to be 89.47% that can be solve problem. By using gain score , the increasing of average score is 0.76 is classified in high category.
3. Students' activity increase after implementation problem-based learning model, in cycle I all group are passive group with average score 50.6% to be 83.6% in cycle II. So in cycle II all the group reach score ≥75%, it meant that all the group in cycle II are active in learning activity.

1.2 Suggestion

The researcher propose some suggestion for learning mathematics in problem solving ability that can be given as follow:

1. Implementation problem-based learning model can used as an alternative effective to increase mathematical problem solving ability of the students, and must remember that PBL must use real problems in daily life.
2. For teacher before implementing problem-based learning must manage time as good as possible when learning is takes place and facilitating learning activities as a facilitator to know the ability of students.
3. All the problem using Polya's indicator, the teacher must get extra attention in fourth step.

4. For the next researcher, it is expected to use research result as comparison matter and implement problem-based learning model in other topic, using attractive book and prepare SAS to make students are more interesting to do learning actively.