

CHAPTER V

CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusion

Based on the research results presented in the previous section can be concluded that the application of problem-based learning model in learning on the subject of Rectangle and Square can increase students' creative thinking abilities of Grade VII-3 of SMP Negeri 1 Rantau Selatan. It is known from the result of students' creative thinking ability test in cycle 2 higher than cycle 1. Percentage of many students who have minimal ability "medium" of 56,41% in cycle 1 increased to 87,18% in cycle 2. And Learning by using Problem Based Learning Model also could make students' activity in the learning was good category

5.2 Recommendation

Based on these results, the authors propose some suggestions for learning mathematics, especially in secondary schools, namely:

1. Learning mathematics with problem-based learning model can be used as an alternative learning effective in improving students' ability to think creatively. But in the early learning, teachers will have difficulty in preparing the child to make the process of cooperative learning, student is difficult to accept the learning changes they have done so far with constructivism learning through problem-based learning model. Therefore, it is suggested that before learning to do, the teacher to familiarize the learning with cooperative learning so that students will be accustomed to the learning process
2. To support the successful implementation of problem-based learning model required teaching materials an interesting, for the student activity sheet should be designed based on the contextual issues are close to everyday students and challenge students to solve.

3. Besides improving the students' creative thinking abilities, problem-based learning model also can stimulate the activity of students in learning and can assist students in forming a positive perception towards learning mathematics. Therefore this kind of learning is advisable to be developed further other mathematics items and different levels of education.
4. This research only reveals the role of problem based learning model in increasing students' creative thinking abilities, To complete the study of the role of problem-based learning model as a whole needs to do further research to see a role model of problem-based learning to improve problem-solving abilities, reasoning, and mathematical connections.
5. The results of this research can be used as input for the school to improve students' activity during the learning process.
6. The results of this research can also be used as input for the school because it can give a positive response to the students' learning activities through the application of problem-based learning.
7. It is hoped to further research with the application of problem-based learning model in order to observe and increase the allocation of meeting time.