CHAPTER V
CONCLUSIONS AND SUGGESTION

5.1. Conclusion

Based on the research results obtained from the data analysis and hypothesis testing, it can be summed up as follows:

1. The average results of students on experiment class were treated with problem based learning increase from 26.52 to 74.34.

2. Based on the calculation t test showed that $t_{count} > t_{table}$ 3.02 > 1.67 so H_a is accepted. Based on the data obtained it can be concluded that there is the effect of using problem based learning model to authentic problem solving skills of students topic on dynamic electric in class X SMA Negeri 1 Sidikalang A.Y 2015/2016.

3. The results of authentic problem solving skills of student using Problem based learning model is better than conventional learning topic on dynamic electric thats in experiment class 74.34 and control class 68.07.

5.2. Suggestion

Based on the research result, data analysis, discussion, and weakness had been faced, researcher suggest;

In implementing PBL, we should observe condition and quality of knowledge of student, school facilities, and learning media; and then we must give the authentic problem to the student so that they can realisation what them know and develop their knowladge in daily life. For the next researcher should consider the problems to be presented to the students to match the achievement of the expected the indicators of material researched. Can elaborate learning more attractive and simple as well as like concept map , macromedia flash and make a game that relation with the lesson. Problem based learning model present a ralistic problem with real life and it's learning concept in accordance with student needs. Given the results of this research

is still very simple, their limitations and weaknesses in this study could serve as the basis for better research on other materials and a broader sampling and results more significant.