# CHAPTER V

# CONCLUSION AND SUGGESTION

## 5.1 Conclusion

Based on the result of research from data analysis and test of hypothesis then it can be concluded that:

1. There is difference of both cooperative learning models between Group Investigation (GI) and Student Team Achievement Division (STAD) for topics Algebraic Expression namely student's learning outcomes which GI is better than STAD.
2. In class GI for student's activity , the students were more active in discussing with their friend, asked their friend in group if didn't understand the problems, answered the teacher question and did the exercise given by teacher in group than the STAD. But in the STAD class, the students were more active ask to the teacher if didn't understand and find some difficulties and present their result in front of the class than in class GI. The other aspects of both models had similar result to each other. For teacher's activity In class GI, namely presenting matter, communication with students,doing evaluation and time effectiveness was higher result than in class STAD but for the class controlling was better than in class GI. Then , the other aspects was given similar result.

## 5.2 Suggestions

Based on the result of research and conclusion then researcher has some suggestion, namely:

1. For mathematics teacher, in teaching the material of algebraic expression or other appropriate topics can be used learning models namely Group Investigation than Student Team Achievement Division as a way to improve the students' learning Outcomes but the both models is better than just to use simple discussion like usual that sometimes not involved all of the student in the class
2. In doing each of steps or phases both of cooperative learning model (GI and STAD), class controlling and communication with student must have a specific attention so that the learning process can be run well and get the maximal result.