

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1 Conclusion

Based on the result and discussion of research in the previous chapters, can be concluded that In Hypothesis test, the data are processed based on difference of pre-test and post-test shows  $t_{calculated} = 2.878$  and  $t_{table} = 1.672$  then  $t_{calculated} > t_{table}$  that it's mean  $H_0$  rejected. So, can be concluded that students' mathematics problem solving ability taught using CTL is higher than taught using RME.

#### 5.2 Suggestion

Based on the conclusion and relevant study of this research, there are some suggestions as follows:

1. For mathematics teacher, to implement the contextual teaching learning in the learning activity such that students' problem solving ability can be increased the students' problem solving ability.
2. For students, to cooperate with teachers by following the steps of learning process and don't ignore the steps of problem solving ability.
3. For next researcher, to observe another students' ability of mathematics which can be affected by using contextual teaching learning and another choices of learning model.
4. From the research that was held, Contextual Teaching learning should be implemented as the one of the learning model in class and Realistic Mathematics Education can be implemented too in class as the other source of learning model.
5. Because in this research the learning models are implemented to subject Program Linear, it is suggested to try another topic of mathematics and relate it to others factor which may influent students' learning outcomes.