CHAPTER V
CONCLUSIONS AND SUGGESTION

5.1. Conclusion

The conclusion that can be drawn from the results of research conducted by researchers are as follows:

1. Implementation of contextual teaching and learning model can improve mathematical conceptualizing ability. Base on initial test, students' CUA score is low category. The action that's given in cycle I still shows students' CUA score in low category even though the value has been increased from intital test. The action that's given in cycle II based on reflection on cycle I shows students' CUA score in high category. By doing apperception, substitution of group member, modelling, and reflection actions, gain normalization's score represents medium interpretation of students' CUA between cycle I and cycle II.
2. Contextual Teaching and Learning model is effective to improve mathematical conceptual understanding. The action that's given in cycle I shows completeness of students learning that tought by CTL is not yet complete classically and attainment of basic competence indicator is not completed too. The action that's given in cycle II based on reflection on cycle I shows completeness of students learning that tought by CTL complete classically with attainment of basic competence indicator is completed.

5.2. Suggestions

Based on conclusion above, so as a follow-up to this study is suggestion several things which are:

1. For Teacher
   a. Teacher is suggested for applying Contextual Teaching and Learning (CTL) model as an alternative instructional model to improve the mathematical conceptual understanding ability, because Contextual Teaching and Learning model can stimulate students to represen mathematical representation by modelling and reflection steps.
   b. Teacher should know the connection between syntaxs of CTL, especially modelling and reflection's steps and the indicators of conceptual understanding ability, especially about representation mathematical situation and the purposes of every representation. So, teacher can be easily to teach the students to understand the basic concept of mathematics and make the students enjoy learning mathematics because of understanding of basic concept.
2. For Futher Researcher

   Make sure that before the lesson begins, the students already have other books that support the subject so that there are no obstacles in doing the literacy. Researchers may also provide some softcopy of material on topics taught so that students have no trouble in literacy and information seeking. Researcher has to give more focus at modelling and reflection's step of Contextual Teaching and Learning, because some students are hardly to apply those steps.