

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the result and discussion of research in the previous chapter, can be concluded that:

1. The result of students' characteristic in mathematical problem solving are high, medium and low.
2. The results of research metacognitive level that used in mathematical problem solving in each categorizing, namely: Students who are classified as high mathematical ability in metacognitive level is Reflective Use. Students with a metacognitive level in Reflective Use has metacognition activities and able to understand the problem well, able to plan with good problem-solving strategies, able to realize the concept and know how to count are used properly also able to evaluate properly. Students who are classified as medium mathematical problem solving ability in metacognitive level is Strategic Use. Students with a metacognitive level in Strategic Use has activities such able to understand the problem well, able to plan with good problem-solving strategies, quite capable of realizing the concept and know how to count are used properly also able to evaluation quite capable of doing well. Students who are classified as low mathematical ability in metacognitive level is Aware Use and also be classified on the level of Tacit Use Students with a metacognitive level in Aware Use has metacognitive activities as quite able to understand the problem well, quite capable to plan problem-solving strategies well, quite capable of realizing the concept and know how to count are used properly and also are quite capable to evaluate properly , While students with a metacognitive level Tacit Use has metacognitive activities as less able to understand the problem well, less able to plan problem-solving strategies well, students are less able to realize the concept and how to count are well used and also less able to do the evaluation with good.

3. Scaffolding questions given in the test should help students in completing the problem and questions always lead to the completion of the work so that measures students' can answer the questions on the test.

5.2 Suggestion

Based on the findings and conclusions on the researchers gave some suggestions are:

1. For students, the problem in mathematical problem solving should use metacognition to guide thinking in mathematical problem solving.
2. For Researches, the subjects of research less attention in though. It's made difficulties in research .it's should be the researcher master in theory deeply so that can categorize the subject at the level of metacognition.
3. For Lectures, while giving students the material, it's should always be guided the students' thoughts and use the components metacognition in his thinking in solving the problem.