

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the results of research and discussion of research journal articles of the effect of Problem Based Learning model on Critical Thinking Ability in Mathematics Learning, it can be concluded as follows:

1. The effect of a problem-based learning model on critical thinking skills in mathematics learning is an increase in critical thinking skills because students are required to solve problems with their own way by using various information without having to be centered and imitating the work done by their teachers. It can be seen from the critical thinking indicator which has increased in the posttest implementation after the Problem Based Learning model applied. This learning model emphasizes the importance of understanding the concept of material ranging from learning and working on the situation of the problem presented so that students can think critically in finding solutions to the problem situation given in the learning process.
2. Meta-Synthesis provides an inclusive description of the effect of a problem-based learning model on critical thinking skills. Through metasherthesis, researchers can interpret the results of studies that have been carried out before their studies starting from the background of the study, research methods, discussions to the conclusion of the study. Through metasherthesis as well, researchers can interpret the results of studies that have been carried out before the research background, research methods, discussions to the conclusion of the study. Through metasherthesis as well, researchers can find the effect of problem-based learning can improve critical thinking ability to mathematics

learning through the indicator of critical thinking which is described in previous studies.

5.2 Suggestion

After researchers conducted a meta-synthesis of five journal articles, researchers suggested using a problem-based learning model in mathematics learning to improve students' critical thinking skills. And also researchers suggest further research to further describe the detailed increase in critical thinking skills using the problem-based learning model through indicators of critical thinking skills so that the resulting conclusions are more valid.

