

CHAPTER V

CONCLUSION AND SUGGESTION

1.1 Conclusion

Base on result of research which had from data analysis had some conclusion, those are:

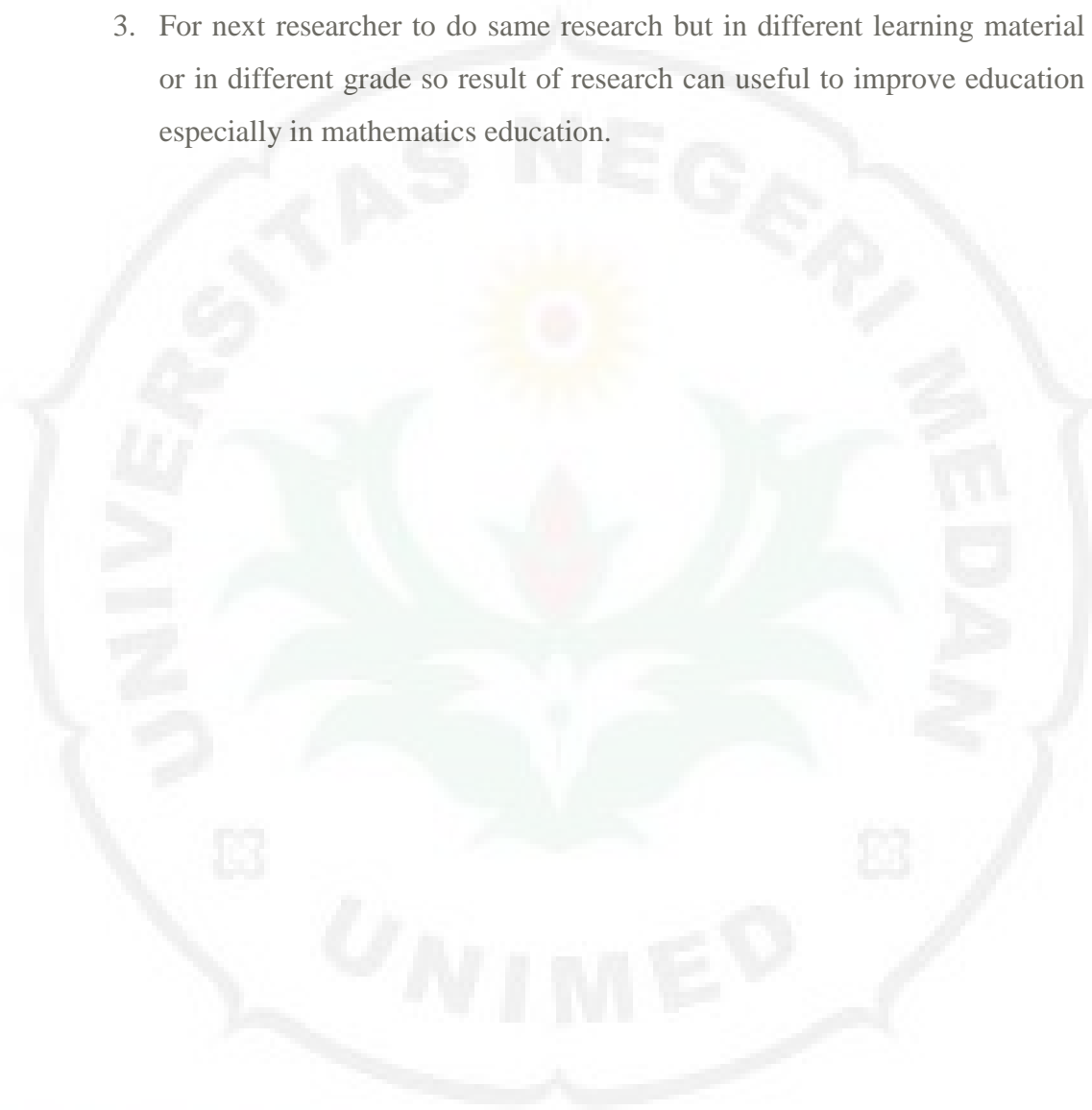
1. Conceptual Understanding in mathematics of students in quadrilateral topic has taught by CPS approach have mean 74.72 and average of gain 42.68. By testing hypothesis using t-testing, can be concluded that CPS approach can improve conceptual understanding ability of students in mathematics at quadrilaterals' topic in VII grade of SMP Muhammadiyah 1 Medan academic year 2011/2012.
2. Conceptual Understanding in mathematics of students in quadrilateral topic has taught by PBL approach have mean 64.72 and average of gain 31.88. By testing hypothesis using t-testing, can be concluded that PBL approach can improve conceptual understanding ability of students in mathematics at quadrilaterals' topic in VII grade of SMP Muhammadiyah 1 Medan academic year 2011/2012.
3. The improving of students' conceptual understanding ability in mathematics using creative problem solving (CPS) is better than problem based-learning (PBL) at quadrilaterals' topic in VII grade of SMP Muhammadiyah 1 Medan academic year 2011/2012.

1.2 Suggestion

Base on result of this research so suggestion that can be given:

1. For mathematics teacher, can make CPS approach or PBL approach as two of many alternative to choose learning approach to improve conceptual understanding of students in mathematics.
2. For mathematics teacher, can make students become familiarize with daily problem so students can explore their conceptual understanding from problem and can develop their thinking so their conceptual understanding became in level of relational understanding.

3. For next researcher to do same research but in different learning material or in different grade so result of research can useful to improve education especially in mathematics education.



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