

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

5.1. CONCLUSIONS

- 1) Kinds of errors in solving problems of algebra operation in Class VIII Medan Junior High School were: transformation error, skill process error and encoding error.
- 2) The level of students error in solving problems of algebra operation in Class VIII of sample can be concluded that still very high error.
- 3) The factors that causes students error in solving problems of algebra operation divided into 2 factors:
 1. Internal factors
 - a. Lack of master concept, principle and skill in algebra operation
 - b. Lack of master prerequisites material
 - c. Lack of exercise solving mathematics problems
 - d. Students were careless
 2. External factors
 - a. Teacher was not as good demonstrator
 - b. Teacher was not as good controller class
 - c. Teacher was not as good mediator

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5.2. SUGGESTIONS

The suggestions can be given so that students mathematics achievement can be improve, especially in algebra operations :

1. For teachers
 - a. Teacher must repair the teacher role in teaching as demonstrator, controller class and mediator especially.
 - b. Teacher must analyze students errors in solving mathematics problems so that teacher know what is the causes of students error and can give the best solution.
 - c. Teacher create instruction method that can stimulate students respond in learning mathemtics.
2. For students

Students must be often exercise mathematics problems especially algebra operation so that can improve students mastery in mathematics.
3. For Headmaster

Command every teacher make analysis of students errors for each of held material.
4. For next researchers
 - a. This research can be made the similar research in another material.
 - b. Specify kinds of error before doing this research.

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