

CHAPTER V

CONCLUSIONS AND SUGGESTION

5.1 Conclusions

Based on the results of the analysis and discussion in the previous chapter then there are some conclusions as follows :

1. Learning device based on realistic mathematics approach cube and cuboid material developed has met the criteria of validity based on ratings validator with an average validity of a lesson plan is 94.44 and the average validity of student worksheet is 97.92.
2. The instrument based on realistic mathematical approach developed has fulfilled the effective category in terms of : (1) students learning mastery in a classical way, there are (90,32%) students are complete and as many as 4 people (9,68%) students who are not complete; (2) completeness of learning objectives has been achieved ; (3) the learning time used is the same as ordinary learning, therefore the learning tool developed has been effective on the effectiveness indicator of the achievement of learning time. ;(4) student response give positive response to instrument component developed
3. There are some differences of student achievement in experiment class and control class after using the student worksheet that has been developed,ie : the percentage of total students who complete learning is 90,32 % while there is no student who complete in control class, so many positive responses from students of experiment class to test after got exercise by student worksheet that have been developed while and the researcher didn't get it in control class
4. The student worksheet has reached several characteristics such as problem-based learning that are familiar with students, demanding problem solving, reasoning and communication skills as well as issues that refer to a particular subject

5.2 Suggestion

According to the results of research and conclusions above, for that researchers suggest some things as follows :

1. For the teachers
 - a. In general, students experience the deafness on the material dimensions 3 including cubes and beams, the suggestion of the researcher is that math teachers use learning tools and media that make students interested and easy to understand
 - b. It is undeniable that Indonesia has not improved significantly in achievements, especially in mathematics, the researchers suggest that the teacher gives the student worksheets containing the questions containing PISA content such as student worksheets developed by the researcher so that students are trained and can improve problem solving skills they
 - c. To make it easier for students to understand better the teacher interacts with the students either by asking questions, asking students to make props or finding their own concepts in a more creative way

2. For the Researcher

It is suggested to the researcher in the future to use the real problems in mathematics to teach the students and also in making some groups is not only consider the level of student ability but also give attention to the suitability of the each students

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