CHAPTER V
CONCLUSION AND RECOMMENDATION

5.1 Conclusion

From learning activity result carried out for those two cycles and according to the discussion and analysis, there are some conclusions drawn on the implementation of AIR model in mathematics learning on topic of Solid Polyhedroan in Class 8 SMP N 2 Panai Tengah Academic Year 2015/2016:

1. The research result shows that AIR model can enhance student's mathematical communication ability. The proof is based on mathematical communication ability test: classical learning mastery enhances 13.33% from cycle I to cycle II, and supported by normalized gain of 0.50 in Moderate category. The test average score in cycle I is 71.88 with learning mastery of 73.33% and the test average score is 78.47 in cycle II with learning mastery of 86.67% so that gives enough classical learning mastery to pass.

2. The research result shows that AIR model can enhance student's activity. The proof is based on student's activity observation data: from total score of 36, score 24 in cycle I or 67% of activity indicator; score 31 in cycle II or 86% of activity indicator showing an enhancement of 19%. In the interval, student's activity in cycle II is between 80% to 90% or Good category.

5.2 Recommendation

The researcher writes these following recommendations:

1. Teacher should implement AIR model to teach topic of Solid Polyhedron because this model fits to teach mathematical communication in this topic.

2. AIR model is necessarily implemented on other topics to achieve a clearer description on connectivity of daily life and the topic that has been learnt.

3. The repetition phase should be emphasized to strengthen students to learn the topic.