**CHAPTER V**

**CONCLUSIONS AND RECOMMENDATIONS**

1. **Conclusion**

Based on the results of research and discussion, then the conclusions in this study are as follows:

1. Students mathematics reasoning ability in VIII.1 class after applied learning models *AIR* with approach *CTL* with discussion comparison are in category high.
2. Students mathematics reasoning ability in VIII.3 class after applied learning models of direct instruction with discussion comparison are in category Medium.
3. Students mathematics reasoning ability in class VIII SMPN 8 Makassar taught using model *AIR* with approach *CTL* more high compared with Students mathematics reasoning ability in taught using learning models of direct instruction.
4. **Suggestion**

Based on the conclusions that have been put forward, the authors propose some suggestions as follows:

1. The teachers can using model *Auditory Intellectually Repetition* with *contextual teaching and learning* approach as an alternative to teaching, which can make Students more train ability Reasoning during the learning process underway.
2. Since research this only do on Material line and angle, researchers suggested that done on material Other math.
3. Limitations time researchers are only Wear Design *posstes,* researchers hope for Other researchers perform first pretest First for look mathematics reasoning ability in taking samples.
4. The teachers must Be careful in Watching Students in discussion group, because if Left Discuss own without supervision and guidance of teachers some Students will Experience Difficulty in LKPD work and less active for discussion.
5. Research this only Focused for look ability Reasoning mathematics students, for Other researchers who wish to Researching could Researching Another object of Students for example Understanding concept, solving issues, capability communication, and so on.