CONTENTS

	Page
Legalization Paper	i
Bibliography	ii
Abstract	iii
Acknowledgement	iv
Contents	vi
List of Figure	ix
List of Table	X
Appendices	xi
CHAPTER I INTRODUCTION	
1.1 Background	1
1.2 Problem Identification	4
1.3 Limitation Problem	5
1.4 Problem Formulation	5
1.5 Research Objectives	5
1.6 Research Benefits	6
CHAPTER II LITERATURE REVIEW	
2.1 Theoretical Framework	7
2.1.1 Mathematics Problem Solving Ability	7
2.1.2 The Definition of Problem Based Learning	11
2.1.3 Principle of Problem Based Learning	13
2.1.4 Advantage and Disvantage of Problem Based Learning	14
2.1.5 Conventional Method	15
2.1.6 Sequence and Series Material	16
2.1.7 Relevance Research	18
2.2 Conceptual Framework	19
2.3 Research Hypothesis	19

CHAPTER III RESEARCH METHODOLOGY	
3.1 Place and Research Time	20
3.2 Population and Sample	20
3.2.1 Research Population	20
3.2.2 Research Sample	21
3.3 Research Variable and Operational Definition	21
3.4 Research Design	21
3.5 Research Procedure	22
3.6 Data Collection Techniques	23
3.6.1 Research Instrument	24
3.6.2 Instrument Analysis Technique	24
3.6.2.1 Instrument Validation	24
3.6.2.2 Instrument Reliability	25
3.7 Data Analysis Technique	24
3.7.1 Normality test	26
3.7.2 Homogeneity test	27
3.7.3 Hypothesis test	27
3.8 Criteria Level of Students' Problem Solving Ability	28
3.9 Students' Learning Activities	29
CHAPTER IV RESULT AND DISCUSSION	
4.1 The Research Result Data Description	30
4.1.1 Post test of the experiment and Control Classes	30
4.2 The Research Result Data Analysis	31
4.2.1 Normality test	31
4.2.2 Homogeneity test	31
4.2.3 Hypothesis test	31
4.3 Level of Students' Mathematics Problem Solving Ability	32
4.4 Students' Observation Result	33

4.5 Discussion of Students' Problem Solving Ability Result	34
CHAPTER V CONCLUSION AND SUGGESTION	
5.1 Conclusion	37
5.2 Suggestion	37
REFERENCES	38
APPENDIX	40