TABLE OF CONTENTS

		Page
Authentication Sheet		i
Curriculum Vitae		ii
Abstract		iii
Preface		iv
Table of contents		vi
List of Picture		ix
List of Tables		xi
List of Appendices		xiii
CHAPTER I INTRODUCTION		**1**
1.1	The Background of The Problems	1
1.2	The Identification of The Problems	12
1.3	The Limitations of The Problems	12
1.4	The Formulation of The Problems	12
1.5	The Purposes of The Research	13
1.6	The Benefits of The Research	13
1.7	The Definitions of Operational	14
CHAPTER II REVIEW OF LITERATURE		**15**
2.1	Theoritical Framework	15
	2.1.1 Communication	15
	2.1.2 Mathematics Communication	18
	2.1.3 Mathematics Communication Ability	21
	2.1.4 Students' Answer Process	23
	2.1.5 Cooperative Learning Model	25
	2.1.6 Number Head Together Learning Model	28
2.2	Relevant Studies	30
2.3	Conceptual Framework	33
2.4	Hypothesis Action	36

CHAPTER III RESEARCH METODOLOGY **37**
3.1 Type of Research 37
3.2 Location of Research 37
3.3 Time of Research 37
3.4 Subject of Research 37
3.5 Object of Research 38
3.6 Design of Research 38
3.7 Procedures of Research 39
3.8 Data Collection Techniques 49
3.9 Data Resources 49
3.10 Research Instruments 50
3.11 Instrument Test 52
3.12 Scoring 55
3.13 Data Analysis Techniques 58
3.14 Indicator of Success 62

CHAPTER IV RESEARCH RESULT AND DISCUSSION **63**
4.1 The Result Of Instrument Test 63
4.2 The Result Of Research 64
4.2.1 The Result of Research in Cycle I 65
4.2.2 The Result of Research in Cycle II 90
4.3 Research Discussion 109
4.3.1 Learning Factors 109
4.3.2 Students' Mathematical Communication Ability 111
4.4 Research Limitation 114

CHAPTER V CONCLUSSION AND SUGGESTION **115**
5.1 Conclussion 115
5.2 Suggestion 115

REFFERENCES **117**