

TABLE OF CONTENTS

Title Page.....	i
<i>Halaman Pengesahan</i>	ii
Declaration of Authenticity of Thesis	iii
Foreword	iv
Table of Contents	vi
List of Tables.....	viii
List of Figures	ix
Appendix	x
Abstract	xi
<i>Intisari</i>	xii
CHAPTER I. INTRODUCTION.....	1
CHAPTER II. LITERATURE REVIEW	4
2.1 Goal-Setting Theory.....	4
2.2 Stretch Goals	5
2.3 Self-Efficacy	9
2.4 Self-Efficacy Measurements	10
2.5 Mathematics as a Form of Measurement	11
2.6 Conclusion	12
CHAPTER III. RESEARCH METHODS.....	14
3.1 Data Collection Plan	14
3.1.1 Online experiment.....	14
3.1.2 Condition groups.....	16
3.1.3 Chronological order of experiment	17
3.1.4 Assumptions	19
3.1.5 Ethical considerations	19
3.2 Data Analysis Plan	20

3.2.1 Validity enhancement	20
3.2.2 Demographic information	21
3.2.3 Statistical analysis	21
CHAPTER IV. RESULTS	22
4.1 Research Question 1 (RQ1)	23
4.1.1 Through ANOVA	23
4.1.2 Through Linear Regression	24
4.2 Research Question 2 (RQ2)	25
4.3 Research Question 3 (RQ3)	26
4.3.1 Continent	26
4.3.2 Gender	27
4.3.3 Education.....	28
CHAPTER V. CONCLUSION.....	30
5.1 Research Question 1	30
5.2 Research Question 2.....	30
5.3 Research Question 3.....	31
CHAPTER VI. CONTRIBUTIONS.....	33
6.1 Contributions to Theory	33
6.2 Contributions to Practice.....	34
CHAPTER VII. LIMITATIONS	35
7.1 Survey Formulations/Design Error	35
7.2 Mathematics Questions Assumptions	36
7.3 Operationalization	36
7.4 Sampling Error	37
7.5 Ethical Limitations	37
CHAPTER VIII. SUGGESTIONS FOR FUTURE RESEARCH.....	38
Bibliography.....	39