

STUDENT INTRODUCTION

THE REAL NUMBER SYSTEM

TO THE STUDENT:

The study of the real number system is the last number system to be developed in your junior high school mathematics program. This is a very important number system and therefore we are going to try and make it as interesting and enjoyable as possible in the hopes that you will understand it quite thoroughly.

The following activities will include experiments, games, individual and group competitions, puzzles, problems and other varied activities in addition to giving you a chance to make up some of your own.

There are far more activities presented here than you will have time for in class. Pick the ones, when you have a choice, that you think you can do and are the most interesting or fun.

If you think of a related activity that you would rather do instead of any of those suggested, check with your teacher and then try it out if the two of you think it will work.

Some of the activities have never been used in the classroom and others very little. If you get stuck, think it over twice again and then try and work it out with one of your classmates or your teacher.

There is an old Chinese proverb which is appropriate for this mathematics section:

I hear, I forget
I see, I remember
I do, I understand

We hope you will understand all about real numbers and the related activities when you are through.