

Lesson 3

Objective: Investigate the base 10 place value system when it is extended to show tenths and hundredths.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths	Ten Thousandths
							.	6	5	4	3

Decimal numbers, such as 0.6543, have four digits after the decimal point. Each digit is a different place value.

The first digit after the decimal point tells you how many tenths are in the number. There are six tenths in the number 0.6543.

The second digit tells you how many hundredths there are in the number. There are five hundredths in the number 0.6543.

The third digit tells you how many thousandths are in the number. There are four thousandths in the number 0.6543.

The fourth digit tells you how many ten-thousandths are in the number. There are three ten-thousandths in the number 0.6543.

Therefore, there are six tenths, five hundredths, four thousandths, and three ten-thousandths in the number 0.6543.