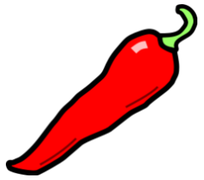
Place Value



Digit

Tens of Thousands

M	HTH	TTH	TH	H	T	U	t	h
Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Units	Tenths	Hundredths

Hundreds of Thousands

Millions

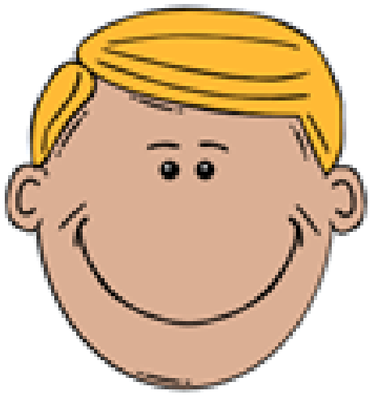
Approximate

$$94{\cdot}1 \div 100$$

10 Tens	1 Units	·	$\frac{1}{10}$ Tenths	$\frac{1}{100}$ Hundredths	$\frac{1}{1000}$ Thousandths
9	4	·	1		
9 →	→	·	→ 9		

Estimate

Tom is working out the number that is five hundred thousand less that six million. He says it is 5,050,000.



Do you agree?
Can you explain what he has done?

The Hundredths Decimal Place

2.540

2.540

2 ones: 1 + 1

5 tenths: $\frac{1}{10}+\frac{1}{10}+\frac{1}{10}+\frac{1}{10}+\frac{1}{10}$

4 hundredths: $\frac{1}{100}+\frac{1}{100}+\frac{1}{100}+\frac{1}{100}$

Whole Number Part				Decimal Point	Decimal Part		
1,000	100	10	1		$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1,000}$
Thousands	Hundreds	Tens	Ones	Decimal Point	Tenths	Hundredths	Thousandths
			2	.	5	4	0