Multiplying and Dividing by Powers of Ten



$X \frac{1}{10}$	÷ 10
X 0.1	÷ 10

$$X_{100}^{1} = \div 100$$
 $X_{100}^{0} = \div 100$

X 0.01

Dividing by 10³ or 1,000 means making 3 jumps across the checkerboard.

	\	Whole Nu	mbers	+	X	÷ →		Parts	
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundred <mark>th</mark> s	Thousand <mark>th</mark> s	Ten Thousandths
Illousalius	Tilousarius	Tilousulus					Transit Catris		
			1						
					5	6			
				1		5	6		
					Y	J	U		
					1_		5	6	
								Г	
					U	T	U	5	6

Multiplying by 10⁴ or 10,000 means making 4 jumps across the checkerboard.

Whole Numbers					Parts				
Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths
					0	0	3	2	4
					0	3	2	4	
					3	2	4		
				3	2	4			
			3	2	4	0			