

DIVIDING BY 10

The digits move 1 place to the right.

0 is used as a placeholder.

The number becomes 10 times smaller.

$$500 \div 10$$

H	T	U
5	0	0
	5	0

$$750 \div 10$$

H	T	U
7	5	0
	7	5

$$37 \div 10$$

H	T	U	$\frac{1}{10}$
	3	7	
		3	7

X	÷
PVD 1	

DIVIDING BY 100

The digits move 2 places to the right.
0 is used as a placeholder.
The number becomes 100 times smaller.

$$500 \div 100$$

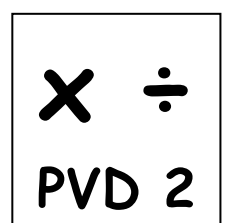
H	T	U
5	0	0
		5

$$750 \div 100$$

H	T	U	$\frac{1}{10}$
7	5	0	
		7	5

$$37 \div 100$$

H	T	U	$\frac{1}{10}$	$\frac{1}{100}$
	3	7		
		0	3	7



DIVIDING BY 1000

The digits move 3 places to the right.
0 is used as a placeholder.
The number becomes 1000 times smaller.

$$500 \div 1000$$

H	T	U	$\frac{1}{10}$
5	0	0	
		0	5

$$750 \div 1000$$

H	T	U	$\frac{1}{10}$	$\frac{1}{100}$
7	5	0		
		0	7	5

$$37 \div 1000$$

H	T	U	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
	3	7			
		0	0	3	7

