

PARENT PROMPT



DIVISION (sheet 1)

Division by 10, 100 and 1000

FIRST LEVEL :

If your child is learning about:

Dividing by 10

To divide whole numbers by 10 we move each digit one place to the right. The units digit becomes a remainder.

Examples

$$350 \div 10$$

$$\begin{array}{r} \text{H T U} \\ 3 \ 5 \ 0 \div 10 \\ = \ 3 \ 5 \end{array}$$

$$478 \div 10$$

$$\begin{array}{r} \text{H T U} \\ 4 \ 7 \ 8 \div 10 \\ = \ 4 \ 7 \text{ r } 8 \end{array}$$

There are no remainders when the units digit is a zero.

If your child is learning about:

Dividing by 100

To divide whole numbers by 100 we move each digit two places to the right.

Example

$$3500 \div 100$$

$$\begin{array}{r} \text{Th H T U} \\ 3 \ 5 \ 0 \ 0 \div 100 \\ = \ 3 \ 5 \end{array}$$

SECOND LEVEL

If your child is learning about:

Dividing by 1000

To divide whole numbers by 1000 we move each digit three places to the right.

Example

$$350,000 \div 1000$$

$$\begin{array}{r} \text{Hth Tth Th H T U} \\ 3 \ 5 \ 0 \ 0 \ 0 \div 1000 \\ = \ 3 \ 5 \ 0 \end{array}$$

DIVISION (sheet 2)

SECOND LEVEL :

Dividing decimals by 10, 100 and 1000

As with multiplication, the process remains the same when we work with decimals. When dividing by 10, 100 or 1000 the digits move to the right. The decimal point NEVER moves.

If your child is learning about:

Dividing by 10

To divide decimals by 10 we move each digit one place to the right. The decimal point remains in the same position.

Examples

$$36\cdot7 \div 10$$

H	T	U	•	Tths	Hths
3	6	•		7	
=	3	•		6	7

If your child is learning about:

Dividing by 100

To divide decimals by 100 we move each digit two places to the right. The decimal point remains in the same position.

Example

$$2345\cdot3 \div 100$$

T	H	T	U	•	Tths	Hths	Thths
2	3	4	5	•	3		
=	2	3	•		4	5	3

If your child is learning about:

Dividing by 1000

To divide decimals by 1000 we move each digit three places to the right. The decimal point remains in the same position.

Example

$$45\cdot2 \div 1000$$

T	U	•	Tths	Hths	Thths	Tensths
4	5	•	2			
=	0	•	0	4	5	2