

Monday 27/04/2020

Hello everybody! Miss Dattani here, I hope you are all safe and well.

Today, we will be revisiting multiplying by powers of 10 (10,100, and 1000).

Your task is differentiated two ways:

-Section A is suited for one star (blue and green)

-Section B is suited for two and three star (yellow, orange and red table)

Multiplying and Dividing by 10, 100 and 1000

10 000	1000	100	10	1	●	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$
					●			

Multiplying

X 10 digits move LEFT 1 space
X 100 digits move LEFT 2 spaces
X 1000 digits move LEFT 3 spaces



Dividing

÷ 10 digits move RIGHT 1 space
÷ 100 digits move RIGHT 2 spaces
÷ 1000 digits move RIGHT 3 spaces



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Remember, draw a place value grid and move the digits to the left accordingly. This shows the digits increasing in value. Digits cannot be placed in the decimal point column. Place holders need to be in any empty columns.

$$150 \times 100 = 15,000$$

TTh	Th	H	T	0	.	1/10	1/100
		1	5	0			
1	5	0	0	0			

Section A	Section B
$58 \times 10 =$	$160 \times 100 =$
$631 \times 10 =$	$35 \times 1000 =$
$720 \times 10 =$	$1810 \times 100 =$
$896 \times 10 =$	$1623 \times 10 =$
$145 \times 100 =$	$718 \times 1000 =$
$93 \times 100 =$	$15.5 \times 100 =$
$198 \times 100 =$	$18.6 \times 10 =$
$46 \times 1000 =$	$19.2 \times 1000 =$
$65 \times 1000 =$	$0.65 \times 10 =$
$87 \times 1000 =$	$0.63 \times 100 =$