

Monday 12th April 2021

L.O: To multiply decimals by 10, 100 and 1000.

$$2.6 \times 10 =$$

I do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths
			1 1	0.1 0.1 0.1 0.1 0.1		

When you multiply by _____, you move the counters _____ places to the left.

1

10

100

1,000

10,000

100,000

1,000,000

1/10

1/100

1/1000

0.1

0.01

0.001

●

$3.5 \times 10 =$

$2.64 \times 10 =$

We do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you multiply by _____, you move the counters _____ places to the left.

Base ten blocks and place value chart showing the relationship between units and their decimal equivalents.

Top row of blocks (units): 1, 10, 100, 1,000, 10,000, 100,000, 1,000,000.

Bottom row of blocks (decimal units): $\frac{1}{10}$, $\frac{1}{100}$, $\frac{1}{1000}$, 0.1, 0.01, 0.001, and a red block representing 1.

Base ten blocks: A large cube (1,000), a flat (100), a rod (10), and a unit (1).

Place value chart: A grid with 10 columns and 1 row, representing the decimal system.

$$6.03 \times 100 =$$

I do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you multiply by _____, you move the counters _____ places to the left.

1

10

100

1,000

10,000

100,000

1,000,000

1/10

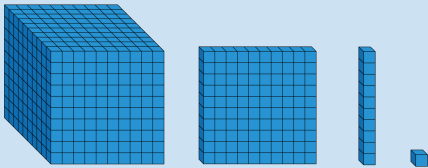
1/100

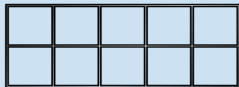
1/1000

0.1

0.01

0.001





$$5.6 \times 100 =$$

$$11.78 \times 100 =$$

We do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you multiply by _____, you move the counters _____ places to the left.

1

10

100

1,000

10,000

100,000

1,000,000

$\frac{1}{10}$

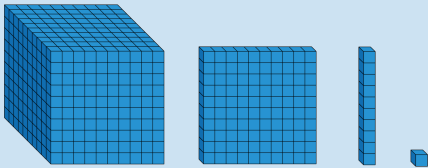
$\frac{1}{100}$

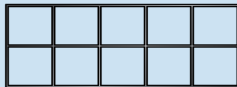
$\frac{1}{1000}$

0.1

0.01

0.001





$$9.1 \times 1000 =$$

I do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you multiply by _____, you move the counters _____ places to the left.

1

10

100

1,000

10,000

100,000

1,000,000

1/10

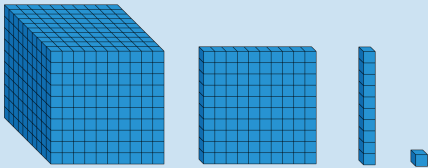
1/100

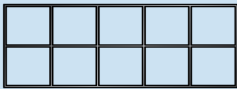
1/1000

0.1

0.01

0.001





$1.34 \times 1000 =$

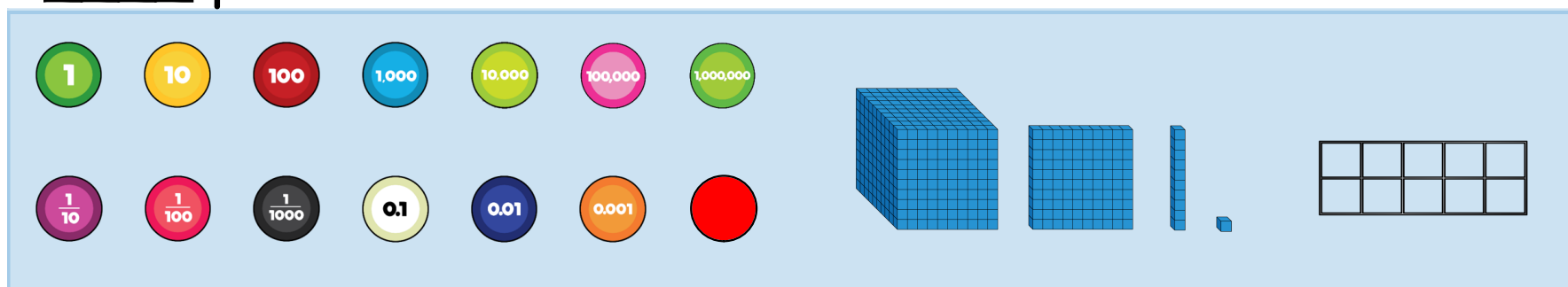
$14.9 \times 1000 =$

We do



Thousands	Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths

When you multiply by _____, you move the counters _____ places to the left.



$3.1 \times 10 =$

$14.82 \times 10 =$

You do

$31.2 \times 100 =$

$1.371 \times 100 =$

$311.2 \times 1000 =$

$39.2 \times 1000 =$

Let's re-group!
