

Wednesday 14th April 2021

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

$$265 \div 10 =$$

I do



Thousands	Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$$35 \div 10 =$$

$$264 \div 10 =$$

We do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$452 \div 10 = ?$

$78 \div 10 = ?$

You do

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Complete in your books. Don't forget to use your place value grids.

$$603 \div 100 =$$

I do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$$56 \div 100 =$$

$$1178 \div 100 =$$

We do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$290 \div 100 = ?$

$2345 \div 100 = ?$

You do

Thousands	Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths

Complete in your books. Don't forget to use your place value grids.

$$91 \div 1000 =$$

I do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$134 \div 1000 =$

$149 \div 1000 =$

We do



Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

When you divide by _____, you move the counters _____ places to the right.

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

$3.1 \div 10 =$

$14.82 \div 10 =$

You do

$31.2 \div 100 =$

$1.371 \div 100 =$

$311.2 \div 1000 =$

$39.2 \div 1000 =$

Let's re-group!

I do

7a. Complete the statement.

$$\boxed{} \div 100 = 0.67$$



VF

We do

7b. Complete the statement.

	÷	1,000	=	1.64
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VF

You do

11a. Complete the statement.

$$0.088 = \boxed{} \div 10$$

VF

Extra challenge questions.

1.

7. Does Rachel have the correct place value counters to represent the answer to the following calculation?

$$6,027 \div 100 \div 100$$



2.

8. Match the calculations to the correct answer.

1.

$$25,200 \div 10 \div 10 =$$

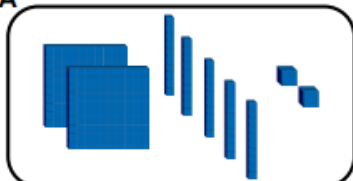
2.

$$4,866 \div 100 =$$

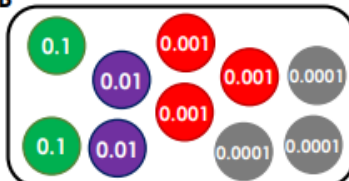
3.

$$223.3 \div 100 \div 10 =$$

A



B



C

Forty-eight ones, six tenths and six hundredths.

3.

9. Lin says,

If Team A ran 141 kilometres in 100 hours and Team B ran 2,446 metres in 10 hours, then Team B ran more kilometres per hour than Team A.



Is Lin correct? Explain your answer.