

19.01.21 Fluent in five

1) $60 \times 4 =$

2) 9^2

3) $6,326 \times 22 =$

4) $78 - 29 =$

5) $881 \times 4 =$

6) $43,002 + 39,845 =$

1) $60 \times 4 =$

2) $4 \times 4 =$

3) $36 \div 4 =$

4) $(12 + 5) - 7 =$

5) $7431 - 3940 =$

WALT divide by 10, 100
and 1000 (Fluency)

<https://vimeo.com/488186549>



When we divide, by whole numbers, does the number become larger or smaller?
Why?

Th	H	T	O	ths	hths	thths

Because of this, which direction will the digits move through the place value chart?

How would we divide 12.3 by 10?

$$12.3 \div 10 =$$

Th	H	T	O	ths	hths	thths

What about 12.3 divided by 100?

$$12.3 \div 100 =$$

Th	H	T	O	ths	hths	thths

$$12.3 \div 1000 =$$

Th	H	T	O	ths	hths	thths

$$12.3 \div 10 =$$

$$12.3 \div 100 =$$

$$12.3 \div 1000 =$$

What do you notice?

Is there a pattern within the answers?

Divide 170 by 10, 100 and 1000

Th	H	T	O	ths	hths	thths

Complete the calculations and sentences.

Use place value counters to help you.

Th	H	T	O	Tth	Hth
	●	●● ●●	○	●	

a) $140 \div 10 =$

When the number is divided by 10 the counters move place to the right.

b) $140 \div 100 =$

When the number is divided by 100 the counters move places to the right.

c) $140 \div 1,000 =$

When the number is divided by 1,000 the counters move places to the right.

Complete the calculations.

$123 \div 1 =$

$123 \div 10 =$

$123 \div 100 =$

$123 \div 1,000 =$

What do you notice?

Try these independently

$\div 10$

0.7

85.4

584.45

$\div 100$

45

1.2

1485

$\div 1000$

290

6100

18700

Complete the calculations.

a) $16 \div 10 =$

d) $332 \div$ $= 0.332$

b) $43.4 \div 100 =$

e) $2.4 \div 200 =$

c) $614 \div 1,000 =$

f) $5.09 =$ $\div 20$

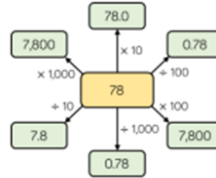
Varied Fluency

Use the place value chart to divide the following numbers by 10, 100 and 1,000

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

44 1.36 107 5

Tick the correct answers.
Can you explain the mistakes with the incorrect answers?



Complete the table.

	$\div 10$	$\div 100$	$\div 1,000$
30			
3 kg			
	0.9		
			9.0
		9.09	

17