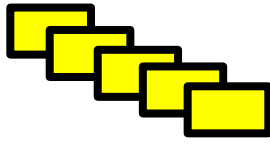


25.01.21

TBQ: Can I divide by 10?



STEPS
TO
SUCCESS

I can split a number equally into 10 groups.

I can move the digits one place to the right.

Activating Prior Knowledge

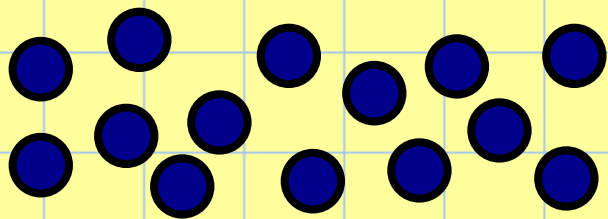


What happened to a number when we multiplied it by 10?

5 Minute Challenge!

Y2

What is half of these shapes?



Autumn term

$$\begin{array}{r} 672 \\ - 248 \\ \hline \\ \hline \end{array}$$

Autumn term

$$\begin{array}{r} 617 \\ + 265 \\ \hline \\ \hline \end{array}$$

Last 1/2 term

158p = £_ and __p

This 1/2 term

$$34 \times 5 =$$

x	
---	--

Last week

$$65 \div 5 =$$

5	6	5
---	---	---

25.01.21

TBQ: Can I divide by 10?

Mental
starter

Let's count on in 4s from 0



Let's count!

25.01.21

TBQ: Can I divide by 10?

APL

$$40 \div 10 = 4$$

$$80 \div 10 = 8$$

$$160 \div 10 = 16$$

$$340 \div 10 = 34$$

$$730 \div 10 = 73$$

What do you notice?

25.01.21

TBQ: Can I divide by 10?

APL

$60 \div 10 =$

Th	h	t	o
		6	0
			6

Note: An arrow labeled "÷ 10" points from the 't' column to the 'o' column.

Can you multiply these numbers by 10?

70	150
20	380
240	670

When we divide a number by 10 it needs to move up a place to the **right**.

Thousands	Hundreds	Tens	Ones

25.01.21

TBQ: Can I divide by 10?

Reasoning

Rex has worked out this calculation.
Is it correct? How do you know?


$$670 \div 10 = 67$$



Write your answer below remembering to
explain **how** you know!

25.01.21

TBQ: Can I divide by 10?

Chilli challenge 

Mild

- 1) $60 \div 10$
- 2) $18 \div 10$
- 3) $10 \div 10$
- 4) $30 \div 10$
- 5) $50 \div 10$
- 6) $20 \div 10$
- 7) $70 \div 10$
- 8) $40 \div 10$

Hot

- 1) $160 \div 10$
- 2) $320 \div 10$
- 3) $240 \div 10$
- 4) $720 \div 10$
- 5) $550 \div 10$
- 6) $3600 \div 10$
- 7) $1900 \div 10$
- 8) $8900 \div 10$

Flaming Hot

- 1) $410 \div 10$
- 2) $540 \div 10$
- 3) $8200 \div 10$
- 4) $5830 \div 10$
- 5) $480 \div 20$
- 6) $340 \div 20$
- 7) $720 \div 30$

Flaming Hot
Challenge - answer
the last 3 question
and explain how you
worked them out

The Learning Line

Look at the steps to success. Where would you rate yourself on the learning line. 10 being you are very confident, 1 being you found this really difficult.

1 2 3 4 5 6 7 8 9 10