

Y4 – Thursday – decimals

LO: divide 1 digit number by 10

Watch the video first:

<https://drive.google.com/file/d/1bwaPTjPTH4NZ6hOxywBW9RP4Ze-YCC6J/view?usp=sharing>

When we divide by 10, we make a number ten times smaller.
We've done lots of dividing by 10 in Year 3 and Year 4.

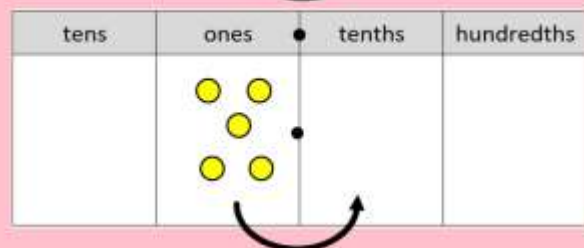
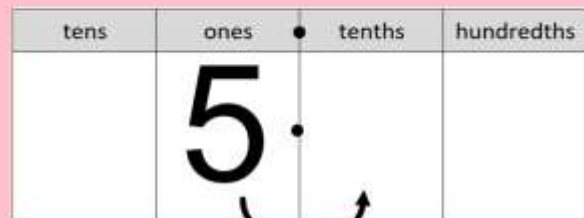
$50 \div 10 = 5$	$500 \div 10 = 50$	$5000 \div 10 = 500$
$150 \div 10 = 15$	$1500 \div 10 = 150$	

We've even practised dividing by multiples of ten during lockdown.

When we divide by 10, we make a number ten times smaller.

To divide by ten we move the number one column to the right.

$$5 \div 10 = \boxed{0.5}$$



Task 1:

1. $2 \div 10 = \square$

2. $5 \div 10 = \square$

3. $8 \div 10 = \square$

4. $\square = 7 \div 10$

5. $\square = 3 \div 10$

6. $\square \div 10 = 0.9$

7. $0.1 = 1 \div \square$

8. $0.4 = \square \div 10$

9. $5 \div 10 = 0.2 + \square$

10. $\square \div 10 = 0.7 - 0.3$

Task 2:

Complete the number sentences:

$$4 \div 10 = 8 \div \square \div 10$$

0.4 0.4

$$15 \div 3 \div 10 = \square \div 10$$

$$64 \div \square \div 10 = 32 \div 4 \div 10$$