



# Key Instant Recall Facts

## Year 4 - Summer 2

Recognise decimal equivalents of the fractions  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{3}{4}$ , tenths and hundredths. Multiply and divide 1 and 2 digit numbers by 10 and 100.

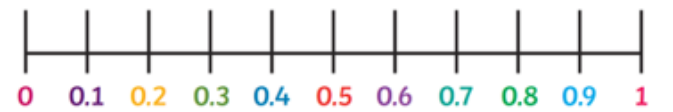
### Halves, Quarters and Three Quarters as Decimals

Year 4 - Number - fractions (including decimals)

$$\frac{1}{2} = 0.5$$

$$\frac{1}{4} = 0.25$$

$$\frac{3}{4} = 0.75$$



Decimal	Words	Fraction
0.1	1 tenth	$\frac{1}{10}$
0.01	1 hundredth	$\frac{1}{100}$

How do we multiply or divide decimals by 10 or 100?



#### Multiplying by 10

$$0.35 \times 10 = 3.5$$

T	U	.	t	h
	0	.	3	5
	3	.	5	0

To multiply by 10, move the digits one space to the left.  
To multiply by 100, move the digits two spaces to the left.

#### Multiplying by 100

$$0.35 \times 100 = 35$$

T	U	.	t	h
	0	.	3	5
3	5	.	0	0

#### Dividing by 10

$$3.5 \div 10 = 0.35$$

T	U	.	t	h
	3	.	5	
	0	.	3	5

To divide by 10, move the digits one space to the right.  
To divide by 100, move the digits two spaces to the right.

#### Dividing by 100

$$3.5 \div 100 = 0.035$$

U	.	t	h	th
3	.	5		
0	.	0	3	5

#### Remember...

- The decimal point doesn't move.
- You might need to fill in any blank places with a zero.

#### Key Vocabulary

- Decimal
- Fractions
- Multiply
- Divide
- Tenths
- Hundredths

#### Top Tips...

Click this link below to revise how to multiply and divide by 10 and 100.  
<https://www.bbc.co.uk/bitesize/topics/z36tyrd/articles/z2fkwx>