Fractions to percentages

Fractions, Decimals and Percentages

●	= 1	= 1	= 100%
◐	= ½	= 0.5	= 50%
◔	= ⅓	= 0.33	= 33.3%
◕	= ¼	= 0.25	= 25%
◕	= ⅕	= 0.2	= 20%
◕	= ⅛	= 0.125	= 12.5%
◕	= 1/10	= 0.1	= 10%
◕	= 1/100	= 0.01	= 1%

To turn a fraction into a percentage (%), you need to follow these steps.

1. Turn the denominator so it is /100
2. Your numerator becomes your percentage

For example:

$$\frac{6}{10}$$

To turn my denominator into 100 I need to multiple it by 10, which means I need to multiple my numerator by 10.
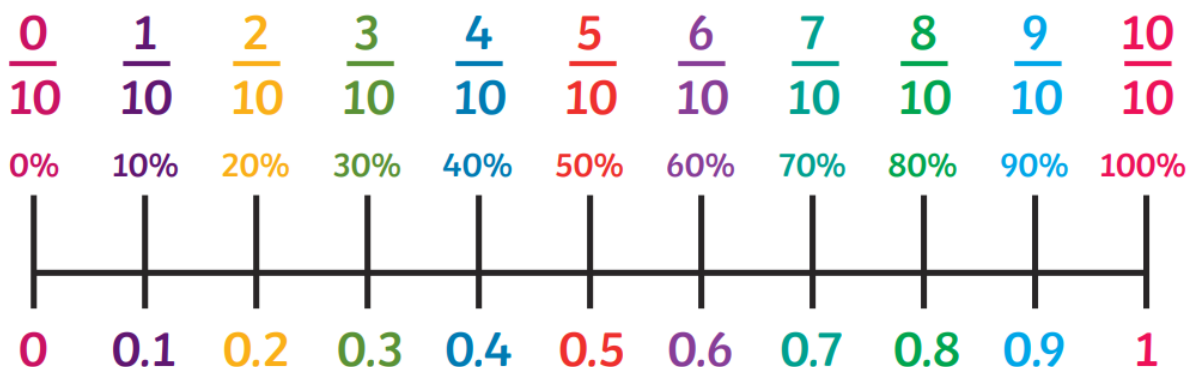
Numerator: 6 x 10 = 60

Denominator: 10 x 10 = 100

$$\frac{60}{100}$$ → This is now my percentage!

60%

$\frac{0}{10}$	$\frac{1}{10}$	$\frac{2}{10}$	$\frac{3}{10}$	$\frac{4}{10}$	$\frac{5}{10}$	$\frac{6}{10}$	$\frac{7}{10}$	$\frac{8}{10}$	$\frac{9}{10}$	$\frac{10}{10}$
0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1

Use your known facts, or this method to help you to turn these fractions into percentages!

$\frac{1}{2}$ = ☐ $\frac{1}{6}$ = ☐ $\frac{1}{20}$ = ☐

$\frac{1}{3}$ = ☐ $\frac{5}{6}$ = ☐ $\frac{3}{20}$ = ☐

$\frac{2}{3}$ = ☐ $\frac{1}{8}$ = ☐ $\frac{7}{20}$ = ☐

$\frac{1}{4}$ = ☐ $\frac{3}{8}$ = ☐ $\frac{9}{20}$ = ☐

$\frac{3}{4}$ = ☐ $\frac{5}{8}$ = ☐ $\frac{11}{20}$ = ☐

$\frac{1}{5}$ = ☐ $\frac{7}{8}$ = ☐ $\frac{13}{20}$ = ☐

$\frac{2}{5}$ = ☐ $\frac{1}{10}$ = ☐ $\frac{17}{20}$ = ☐

$\frac{3}{5}$ = ☐ $\frac{3}{10}$ = ☐ $\frac{19}{20}$ = ☐

$\frac{4}{5}$ = ☐ $\frac{7}{10}$ = ☐

$\frac{9}{10}$ = ☐