

Key Instant Recall Facts

By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

- I know the decimal, percentage and fraction equivalents

Key Vocabulary:

Fraction
Decimal
Percentage
Equivalent
Convert
Hundredths

Stem sentences to use:

I know ____% is the same as ____ as a decimal because _____.
To convert a fraction to a decimal and percentage, I can _____.
____, ____ and ____ are equivalent because _____.

Suggested activities:

Matching Cards

- Make cards with fractions, decimals and percentages.
- Match the equivalent pairs.
- Example: $\frac{1}{2} = 0.5 = 50\%$.

Equivalent Number Bingo

- Create bingo grids with fractions, decimals and percentages.
- Call out one form and find the matching equivalent.

Shopping Discounts

- Use real-life prices to find percentages.
- Example: 25% off £20 = £5 discount = £15 to pay.

Conversion Challenge

- Give quick questions to convert between forms.
- Example: $0.75 = ?\% = ?$ fraction.

Sort and Order Game

- Give a set of fractions, decimals and percentages.
- Sort them from smallest to largest and explain their choices.

Top tip:

Encourage your child to remember key equivalents, such as $\frac{1}{4} = 0.25 = 25\%$, $\frac{1}{2} = 0.5 = 50\%$, and $\frac{3}{4} = 0.75 = 75\%$.

1	1.0	100%
$\frac{3}{4}$	0.75	75%
$\frac{2}{3}$	0.6	$66\frac{2}{3}\%$
$\frac{1}{2}$	0.5	50%
$\frac{1}{3}$	0.3	$33\frac{1}{3}\%$
$\frac{1}{4}$	0.25	25%
$\frac{1}{5}$	0.2	20%
$\frac{1}{8}$	0.125	$12\frac{1}{2}\%$
$\frac{1}{10}$	0.1	10%
$\frac{1}{100}$	0.01	1%