



St Bernadette's Catholic Primary School

Key Instant Recall Facts

Year 5 – Summer 1

I can convert quickly between fractions, decimals and percentages.
By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.

Key Vocabulary:

How many tenths is 0.7?

Write 0.75 as a fraction.

How many hundredths is 0.45?

Write $\frac{3}{4}$ as a decimal.

Write $\frac{1}{2}$ as a percentage.

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

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

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

$$\frac{1}{8} = 0.125$$

$$\frac{1}{10} = 0.1$$

$$\frac{1}{5} = 0.2$$

$$\frac{3}{5} = 0.6$$

$$\frac{1}{100} = 0.01$$

$$\frac{7}{100} = 0.07$$

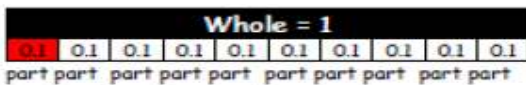
$$\frac{21}{100} = 0.21$$

$$\frac{75}{100} = 0.75$$

$$\frac{99}{100} = 0.99$$

Key Imagery:

Prove using a bar model:



In this bar model, each part represents $\frac{1}{10}$ of the whole.

Fraction

$$\frac{3}{4}$$

Divide numerator by denominator

=

Write as a fraction with a denominator of 100. Simplify.

Decimal

$$0.75$$

Multiply by 100

=

Divide by 100

Percent

$$75\%$$

Activity ideas:

Play games -Make some cards with pairs of equivalent fractions and decimals. Use these to play the memory game or snap. Or make your own dominoes with fractions on one side and decimals on the other.

Equivalent posters- Using the bar model to make equivalent fraction, showing different decimals as a fraction, posters for tenths and hundredths.

Activity Ideas:

Activity ideas It's really important that your child uses mathematical vocabulary accurately.