



St Just Primary School

KEY INSTANT RECALL FACTS

Year 5 - Summer Term 1

TARGET:

- I can convert between decimals, fractions 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 0.8?

How many **hundredths** is 0.12?

Write 0.75 as a **fraction**?

Write $\frac{1}{4}$ as a **decimal**?

Fractions, Decimals and Percentages				
Picture	Fraction	Equal Fraction	Percentage	Decimal
	$\frac{1}{2}$	$\frac{50}{100}$	50%	0.5
	$\frac{1}{4}$	$\frac{25}{100}$	25%	0.25
	$\frac{1}{5}$	$\frac{20}{100}$	20%	0.2
	$\frac{1}{10}$	$\frac{10}{100}$	10%	0.1

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

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

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

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

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

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

$$\frac{9}{10} = 0.9$$

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

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

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

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

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

Children should be able to convert between decimals and fractions for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and any number of tenths and hundredths.

Top Tips...the secret to success is practising **little** and **often**. Use time wisely.

- Practise **Key Facts** while walking to school or during a car journey.
- Have a **fraction/decimal/percentage** of the day.
- Your child has access to **Mathletics** and **Times Tables Rock Stars**

Remember - by the end of the term they should be able to recall these confidently and quickly. Building confidence in mathematics is crucial, so be pleased with their efforts and always encourage with praise. Make sure these practice sessions are enjoyable - if your child is really not in the mood it is the wrong time to be practising!