

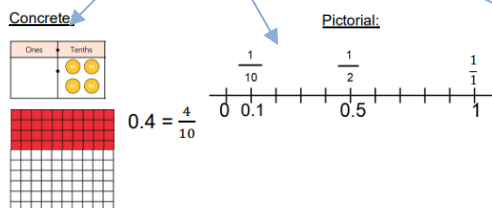
Summer 2

Learning Focus: Know decimal equivalent to fractions for $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$ tenths and hundredths.

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

Representations

- Concrete
- Pictorial
- Abstract



Abstract:

Fraction	Decimal
$\frac{1}{2}$	0.5
$\frac{1}{4}$	0.25
$\frac{3}{4}$	0.75
$\frac{1}{10}$	0.1
$\frac{2}{10}$	0.2
$\frac{3}{10}$	0.3

Key Vocabulary

- Numerator
- Denominator
- Equivalent
- Convert
- Decimal Number
- Fraction
- Hundredth
- Tenth

Getting Started

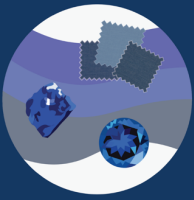
The secret to success is practising little and often. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Suggested Activities

- **Play games** - Make some cards with [pairs of equivalent fractions and decimals](#), or [pairs of equivalent fractions, tenths & hundredths](#) - use these to play pairs or snap.
- **Play online** - [NRich Fractions, Decimals and Percentage Matching Game](#)
- [Dominoes](#) - Play with fractions on one side and decimals on the other.
- **Bingo** - make your own fraction to decimal bingo game
- [Flashcards](#)

Useful Websites

- [MathPlayground: Puppy Chase Decimals](#)
- [TopMarks: Fractions and Decimals](#)
- [10 activities to practice equivalent fractions](#)



Key Vocabulary Explained

- **Numerator** - The numerator is the number written on the top of a fraction. It represents the number of parts taken out of the whole.
- **Denominator** - The number at the bottom of a fraction, which indicates how many equal parts a whole is divided into.
- **Equivalent** - The same as or equal to something else.
- **Convert** - To change the expression without changing the size or amount.
- **Decimal number** - A number with a decimal point.
- **Fraction** - A fraction represents the equal parts of the whole.
- **Hundredth** - One out of 100 equal parts. The fraction form is $\frac{1}{100}$ and the decimal 0.01
- **Tenth** - One out of 10 equal parts. The fraction form is $\frac{1}{10}$ and the decimal 0.1