

# Year 4 KIRF Summer 1

Key instant recall facts (KIRFS) are designed to support the development of key arithmetic skills which underpin much of the maths learning at school. Supporting your child(ren) in learning these facts and being able to recall them quickly and independently will help enormously with progression in maths.

Recall **decimal equivalents of any number of tenths or hundredths as well as key fractions**

$$\frac{1}{2} = 0.5 \quad \frac{1}{4} = 0.25 \quad \frac{3}{4} = 0.75 \quad \frac{1}{5} = 0.2$$

$$\frac{1}{10} = 0.1 \quad \frac{2}{10} = 0.2 \quad \frac{3}{10} = 0.3 \quad \frac{4}{10} = 0.4 \quad \frac{5}{10} = 0.5 \quad \frac{6}{10} = 0.6 \quad \frac{7}{10} = 0.7 \quad \frac{8}{10} = 0.8 \quad \frac{9}{10} = 0.9$$

$$\frac{1}{100} = 0.01 \quad \frac{15}{100} = 0.15 \quad \frac{99}{100} = 0.99$$

## **Ways you could help your children to learn these:**

Bingo game with fractions and decimals

Fraction and decimal snap/pairs

Talk about money using decimal notation – e.g. 30p is £0.30 3p = £0.03 - notice the equivalent fraction e.g. £1.50 is the same as 1 and ½ pounds.

Talk about sharing food/items in fractions – notice the equivalent decimal.

Display equivalent fractions and decimals up the stairs/on doors.

Practice facts in the car

Listen to fraction and decimal songs e.g [Relating Fractions to Decimals Song | Decimal Notation | 4th Grade \(youtube.com\)](#)

## **Helpful websites:**

[Times Tables Rock Stars – Times Tables Rock Stars \(trockstars.com\)](https://www.trockstars.com)

[Maths Games - Topmarks Search \(https://www.topmarks.co.uk\)](https://www.topmarks.co.uk)

Purple mash maths games - [Purple Mash by 2Simple](#)