## KIRF: I can find factor pairs of a number.

Children should now know all multiplication and division facts up to $12 \times 12$. When given a number in one of these times tables, they should be able to state a factor pair which multiply to make this number.


## KIRF: I can identify prime numbers up to 20

A prime number is a number with only two factors- itself and one. The aim is for children to recall the prime numbers to 20 instantly.


## KIRF: I can recognise equivalent fractions and decimals.

Fractions are part of a whole, just like decimals are part of a whole. There are equivalents of fractions and decimals. For example $1 / 4$ is the same as $0.25 .9 / 10$ is equivalent to $90 / 100$ and 0.9 . Children need to be able to recognise these instantly.


## Questions to ask at home

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?

## Key vocabulary

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

## What can this look like?



## Things to try

Dominos-write the fraction and decimal the domino is showing
Bingo- make your own fraction to decimal bingo game
Pairs game- make your own fraction and decimal card matching game

## Websites:

https://www.mathplayground.com/ASB Puppy Chase Decimals.html https://www.transum.org/software/SW/Starter of the day/Students/Pairs.asp?Topic=15 https://mrnussbaum.com/death-to-decimals-and-the-adventures-of-fraction-man-onlinegame
https://whiterosemaths.com/homelearning/year-5/spring-week-10-number-decimals-andpercentages/

## KIRF: I know decimal number bonds to 1 and 10.

Children should see the links with number bonds to 10, 100 and 1000 to identify decimal number bonds to 1 and 10 and recall these instantly.


## KIRF: I can recall metric conversions.

Children should be able to convert between metric units of mass, length and capacity.


Complete the sentence- there are .....grams in a .......kilogram.
Complete the sentence- to convert from metres to centimetres you .......

## Key vocabulary

Capacity- How much of a solid, liquid or gas an object can hold.
Convert- To change the expression without changing the size or amount.
Length- The measurement of something from end to end.
Mass- How much an object weighs.
Metric units- Units of measurement using the powers of 10 .

## KIRF: I can recall square numbers up to $12^{2}$ and their square roots.

Square numbers have an odd number of factors and are the result of multiplying a whole number by itself. The aim is for children to recall square numbers up to $12^{2}$ instantly.


