


# Key Instant Recall Facts


## Year 3 Summer 2


We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will then be expected to practise these key facts at home.


This half term we are learning  
the key fraction facts

**Key Facts**

 **half** to find a half, we divide by 2

 **quarter** to find a quarter, we divide by 4

 **third**— three equal parts



$\frac{2}{3}$  → numerator  
 $\frac{2}{3}$  → denominator

When the **numerator** and **denominator** are the same, we have 1, a **whole**  $\frac{3}{3} = 1$

### Key Vocabulary

**Denominator**— the number below the line is the name of the fraction and tells us how many equal parts

**Numerator**—the number above the line, tells us how many equal parts we are talking about

**Unit fraction**— the numerator is 1

**Equal**— the same

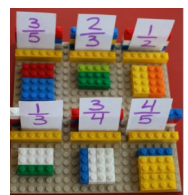
**Whole**— all of the shape or collection of items, or 1

### MAKE IT FUN

Make collections of everyday items (e.g. lego, dried pasta, pencils, clothes pegs, sweets). Can you find a half, a quarter or a third of the items?

Cut your food into sections. Talk to an adult about whether the parts are equal and if each part is a fraction.

If you have LEGO (or any equivalent building blocks) can you show your family different fractions?



### MAKE IT LINK

[Firepit Fractions \(ictgames.com\)](http://firepitfractions.com)

[Fraction Matcher \(colorado.edu\)](http://fractionmatcher.com) select levels 1 and 2. Select level 3 if you would like a challenge

[Fraction ? - True or false \(wordwall.net\)](http://fraction-true-or-false.com)

[fraction - Maze chase \(wordwall.net\)](http://fraction-maze-chase.com)

### DEEPEN IT

[Matching Fractions \(maths.org\)](http://matchingfractions.com)

[Fraction Match \(maths.org\)](http://fractionmatch.com)

If you would like to complete these investigations, ask your teacher for the resources.

Ron and Teddy each have a piece of string.

Here is  $\frac{1}{3}$  of Ron's string.



Here is  $\frac{1}{4}$  of Teddy's string.



Whose piece of string is longer? \_\_\_\_\_

