Key Instant Recall Facts

Year 6 Autumn Term 2

I can write fractions in their simplest form.

Vocabulary

Fraction	A number that represents a part of a whole
Numerator	The numerator represents the number of equal parts of a whole.
Denominator	The denominator is the total number of parts that make up said whole.
Simplify/ Simplest Form	A fraction is in simplest form when the top and bottom cannot be any smaller, while still being whole numbers. To simplify a fraction: divide the top and bottom by the greatest number that will divide both numbers exactly (they must stay whole numbers) .

Top tips for learning at home

We will be sending out KIRFs homework weekly but there are lots of activities you could do at home too. Try this online game at: https://www.iknowit.com/lessons/c-simplifying-fractions.html

When learning key recall facts it is important to do so little but often.

Knowing your times tables up to 12x12 is essential for simplifying fractions. If you are struggling with this it might be worth practising your times tables alongside this work.

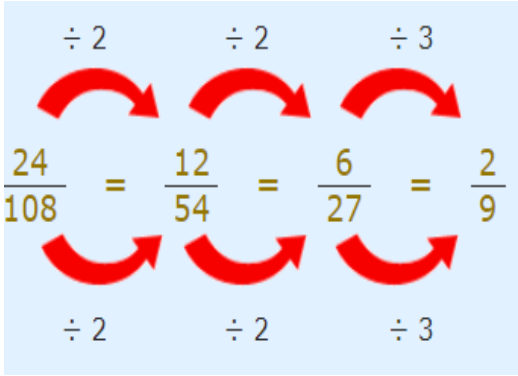
To simplify a fraction, you need to find the highest common fact of the numerator and the denominator. For example, 8/20—the highest common factor of 8 and 20 is 4.

You then need to divide the numerator and denominator by 4. This would give us 2/5.

Some people like to cheap halving the numbers but be

Method One

Try to **exactly divide** (only whole number answers) both the top and bottom of the fraction by 2, 3, 5, 7 ,... etc, until we can't go any further.



Method Two

Divide both the top and bottom of the fraction by the highest common factor of the numerator and denominator.
Example:
The largest number that goes exactly into both 8 and 12 is 4, so the Greatest Common Factor is 4. Divide both top and bottom by 4: