## Calculating 15: Calculating with fractions

Maths - Year 5

Key Vocabulary		N
Proper fraction	A fraction where the numerator is small- er than the denominator.	<ul> <li>Add and subtranator.</li> <li>Become familiations can be used denominators a e.g. ½ + %.</li> <li>Become fluent including where a Multiply proper whole numbers.</li> <li>Make connect using a fraction</li> </ul>
Improper frac- tion	A fraction where the numerator is bigger than the denominator.	
Mixed number	A number written as a whole number and a fraction.	
Numerator	The upper number of a fraction.	
Denominator	The lower number of a fraction.	
Common denominator	Where a group of fractions share the same denominator.	

## **Mathematical Skills**

- Add and subtract fractions with the same denominator.

- Become familiar with the way that equivalent fractions can be used to add or subtract fractions whose denominators are multiples of the same number e.g.  $\frac{1}{2} + \frac{1}{2}$ .

- Become fluent at adding and subtracting fractions, including where the answer is a mixed number.

- Multiply proper fractions and mixed numbers by whole numbers.

- Make connections between multiplying a fraction, using a fraction as an operator and division.



