

Year 4 Doves Mathematics Spring 2

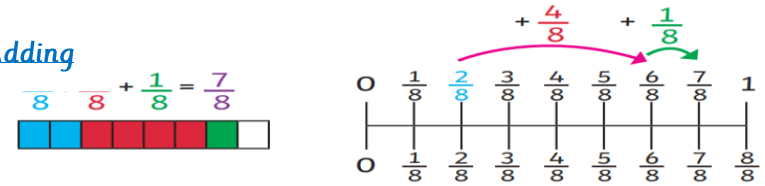
Number

Fractions

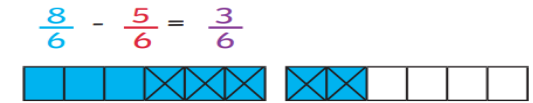
Decimals

Adding and subtracting like fractions (same denominators)

Adding

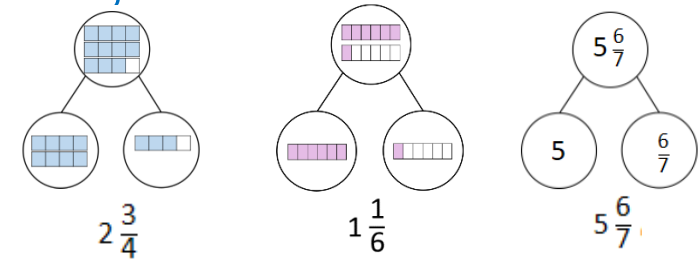


Subtracting



	Key Vocabulary	Definition
Fractions	Convert	Changing a fraction from an improper fraction to a mixed number or the other way around.
	Denominator	The number below the fraction line and it shows how many parts make a whole.
	Equal parts	Equal parts when put together make a whole.
	Decimal point	A dot which separates the whole number and the fractional part of the number.
	Equivalent fractions	Fractions that are equal in value, but have different numerators and denominators
	Fraction	A part of a whole or a number of parts of a whole.
	Improper fraction	A fraction with a higher value numerator than denominator e.g. $\frac{11}{4}$
	Integer	A whole number, including 0, which has no fractions.
	Like fractions	Fractions that have the same denominator.
	Mixed number	A fraction with an integer and a fraction. e.g. $3\frac{3}{4}$
Decima	Numerator	The number above the fraction line and it shows how parts of the whole the fraction is.
	Unlike fractions	Fractions that have different denominators.
	Whole	All the equal parts of a number together.
	Decimals	A number that is not a whole e.g. 1.3
	Hundredth	The second column after the decimal point. 100 parts make a whole.
	Tenths	The first column after the decimal point.

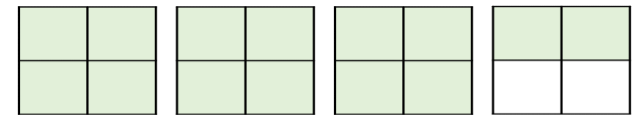
Partitioning a mixed number



Converting between improper fractions and mixed numbers.

$$14 \div 4 = 3 \text{ remainder } 2$$

$$\frac{14}{4} = 3\frac{2}{4}$$



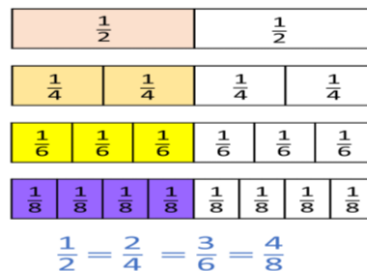
What are fractions?

Fractions show equal parts of a whole.
Here the whole has been split into 5 equal parts.
(denominator)
We are looking at 2
2 of these equal parts (numerator)

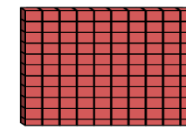
$\frac{2}{5}$

Equivalent fraction families.

All these fractions are equivalent to $\frac{1}{2}$



Converting decimal equivalents to fractions.



1 one
 $\frac{10}{10}$



1 tenth
 $\frac{1}{10}$



1 hundredth
 $\frac{1}{100}$