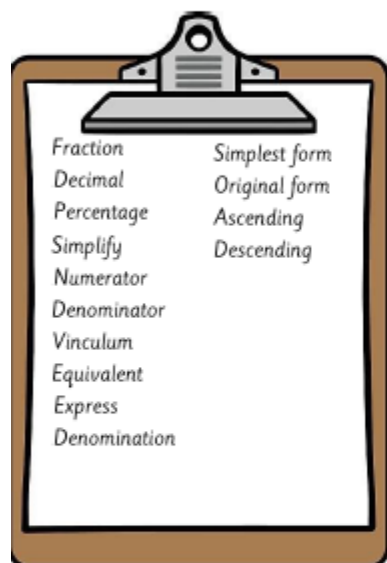


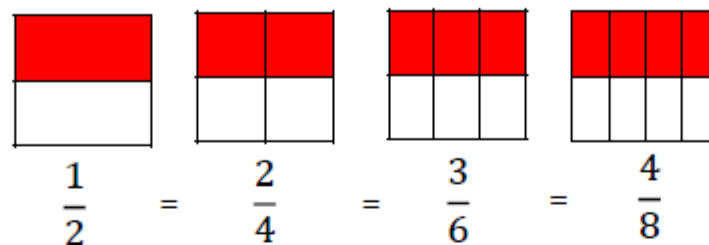
Year 4

Fractions

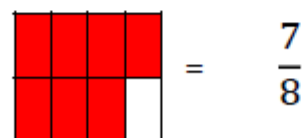
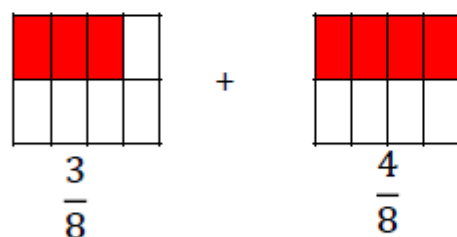
Including decimals



Recognise and show, using diagrams, families of common equivalent fractions.

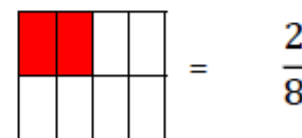
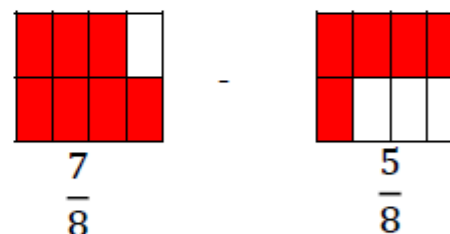


Add fractions with the same denominator



The denominator does not change, as the size of the parts (eighths) doesn't change, but we are adding two parts together.

Subtract fractions with the same denominator

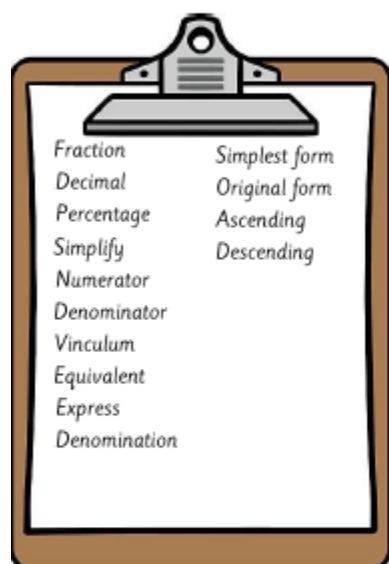


The denominator does not change, as the size of the parts (eighths) doesn't change, but we are subtracting one part from another.

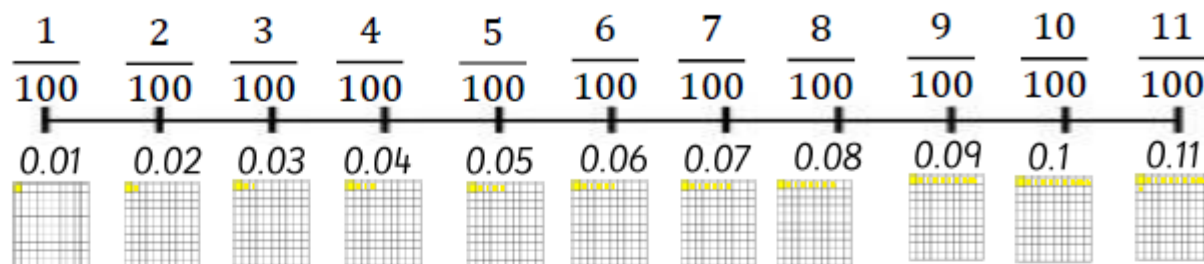
Year 4

Fractions

Including decimals



Count up and down in hundredths



Recognise and write decimal equivalents of any number of tenths and hundredths

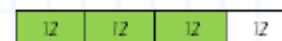
Tenths	Hundredths
$\frac{1}{10} = 0.1$	$\frac{1}{100} = 0.01$
$\frac{2}{10} = 0.2$	$\frac{2}{100} = 0.02$
$\frac{7}{10} = 0.7$	$\frac{7}{100} = 0.07$
$\frac{9}{10} = 0.9$	$\frac{9}{100} = 0.09$

Calculate fractions of amounts

$$\frac{3}{4} \text{ of } 48$$

1) Divide the whole number by the denominator.
($48 \div 4 = 12$)

2) Multiply the answer by the numerator
($12 \times 3 = 36$)



$$48 \div 4 = 12$$

dividing by 4 finds one quarter.

$$12 \times 3 = 36$$

multiplying by 3 finds 3 quarters