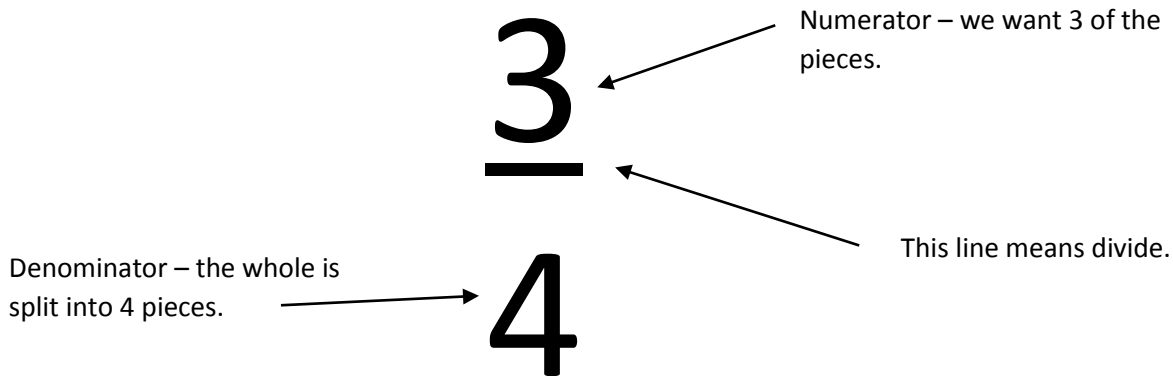


Fractions

Definitions

Numerator – the number on the top, it tells us how many we have or how many we want.

Denominator – the number on the bottom, it tells us how many we have altogether or how many to split the whole in to.



Improper fraction – The numerator is larger than or the same as the denominator.

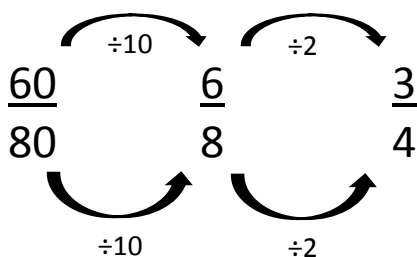
Mixed number – A number written as a whole number and a fraction.

$$\frac{7}{5} = 1 \frac{2}{5}$$

Equivalent fractions – fractions that have the same value.

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$$

Simplifying fractions – This is done by dividing the numerator and the denominator by the same number. When the numerator and the denominator do not have a common factor the fraction is in its simplest form.



This could have been simplified in one step by dividing both the original numerator and denominator by 20.