Maths Mastery

Recall and Use Equivalences

Equivalences

Complete this table of equivalences:

Fraction	Decimal	Percentage
	0.5	
$\frac{3}{4}$		
$\frac{2}{5}$		
		12.5%
$\frac{7}{8}$		
		70%
	0.33	33%
$1\frac{1}{4}$		

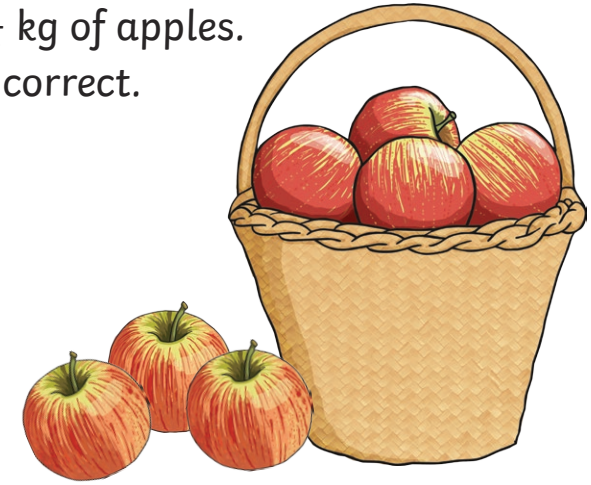
Litres

Ali buys 2 bottles of lemonade.
One bottle contains $\frac{3}{4}$ litre
and the other $\frac{3}{5}$ litre.

How much lemonade is there
altogether in millilitres?

Kilograms

June buys 3 bags of apples,
weighing 650g, 450g, 525g.
She says she has $1\frac{5}{8}$ kg of apples.
Explain why she is correct.



Equivalences

Complete this table of equivalences:

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	**50%**
$\frac{3}{4}$	**0.75**	**75%**
$\frac{2}{5}$	**0.4**	**40%**
$\frac{1}{8}$	**0.125**	12.5%
$\frac{7}{8}$	**0.875**	**87.5%**
$\frac{7}{10}$	**0.7**	70%
$\frac{1}{3}$ or $\frac{33}{100}$	0.33	33%
$1\frac{1}{4}$	**1.25**	**125%**

Litres

Ali buys 2 bottles of lemonade.
One bottle contains $\frac{3}{4}$ litre
and the other $\frac{3}{5}$ litre.

How much lemonade is there altogether in millilitres?

0.75l + 0.6l = 1.35l = 1350ml

Kilograms

June buys 3 bags of apples,
weighing 650g, 450g, 525g.
She says she has $1\frac{5}{8}$ kg of apples.
Explain why she is correct.

650g + 450g + 525g = 1625g = 1.625g

= $1\frac{5}{8}$ kg (because 0.625 = $\frac{5}{8}$)