

Fractions: Activity 3

Matching fractions

Look at the table.

The first column, headed 'Name', lists the names of some different fractions.

The next three column headings are different ways that these fractions can be written.

The final four column headings are different types of measures and the columns contain fractions of these measures.

The table has been partly filled in with some examples for each fraction.

Task 1:

Look at the cards and try to place each one in its correct place on the table.

Tip: It may be easier if you sort the cards first, e.g. put all the decimal fraction cards together then put all the weight cards together and so on.

Task 2:

Try making up a row of your own.

Name	Common fraction	Decimal fraction	Percentage %	Money £1 = 100p	Time 1hr = 60min	Weight 1kg = 1000g	Length 1ft = 12in
Whole one	$\frac{1}{1}$	1.00	100%	£1	1 hour	1 kilogram	1 foot
Half		0.5		50p	30 minutes		6 inches
One quarter	$\frac{1}{4}$		25%		15 minutes		
Three quarters		0.75		75p			9 inches
One third		0.33		33p		333g	
One tenth	$\frac{1}{10}$		10%	10p	6 minutes		1.2 inches
	$\frac{3}{10}$		30%		18 minutes	300g	
One fifth		0.2		20p			2.4 inches
		0.125			7.5 minutes	125g	1.5 inches
Three eighths	$\frac{3}{8}$		37.5%	38p		375g	
		0.05	5%		3 minutes	50g	
One hundredth	$\frac{1}{100}$				0.6 minutes	10g	0.12 inches

$\frac{1}{2}$	50%	500g	0.25
75%	45 minutes	750g	$\frac{1}{3}$
25p	250g	3 inches	$\frac{3}{4}$
33%	20 minutes	4 inches	Three tenths
12 minutes	200g	One eighth	$\frac{1}{8}$
$\frac{1}{20}$	5p	0.6 inches	0.01
0.3	30p	0.375	22.5 minutes
4.5 inches	3.6 inches	$\frac{1}{5}$	20%
12.5%	13p	100g	One twentieth
1%	1p	0.1	