

Using fractions in Te Reo Māori. Stg E6

Name: _____

Ok, here's something a little different for your maths day. We now how to say most of our numbers in Te Reo Māori (If not, there's a handy chart below), but how do you say fractions? Like many things in Te Reo, there is a simple pattern that makes good sense. For example, there are no specific words for halves or quarters. Let's start with the basics: (highlight the ones you don't know, to practice with later)

1	2	3	4	5	6	7	8	9	10
tahi	rua	toru	whā	rima	ono	whitu	waru	iwa	tekau
11	12	13	14	15	16	17	18	19	20
Tekau ma tahi	Tekau ma rua	Tekau ma toru	Tekau ma whā	Tekau ma rima	Tekau ma ono	Tekau ma whitu	Tekau ma waru	Tekau ma iwa	Rua tekau

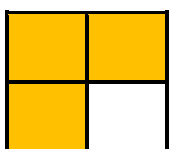
As you can see, the numbers bigger than 10 are said essentially as "ten and three" or "two tens". Very sensible. Fractions have a similar concept. The word for 'fraction' is **hautau**, so the pre-fix 'hau' is used to talk about how things have been chopped up. E.g. haurua = 2 parts (It's not an exact translation). Think of these as your 'denominators', or bottom part of the fraction.

fractions	halves	Thirds	quarters	fifths
hautau	haurua	hautoru	hauwhā	haurima
sixths	sevenths	eighths	ninths	tenths
hauono	hauwhitu	hauwaru	hauiwa	hautekau

Fractions, however, are usually more specific than just 'thirds'. We need to say *how many* thirds or sevenths we're talking about. Simplicity itself! Just pop the numerator in front of the denominator you're talking about. E.g. two fifths (**2/5**) is '**rua haurima**'. Have a look at some more examples: (N.B. put 'ko' in front of tahi)

$\frac{3}{4}$	$\frac{4}{5}$	$\frac{1}{2}$	$\frac{5}{6}$	$\frac{7}{8}$
toru hauwhā	whā haurima	kotahi haurua	rima hauono	whitu hauwaru

Have a go writing down some fractions in Te Reo for yourself. Take your time, use the charts above to help:



= _____

$\frac{1}{4}$ = _____

$\frac{3}{7}$ = _____

$\frac{1}{6}$ = _____

$\frac{4}{9}$ = _____

$\frac{5}{8}$ = _____

P.S. remember to write '**kotahi**' for the unit fraction. E.g. $\frac{1}{7}$ = Kotahi hauwhitu.