

NZC: New Zealand Curriculum: Mathematics and Statistics

	NZC Level 4 Year 8: 12–13 year olds Numeracy Stage 7	NZC Level 5 Year 9/10: 14+ year olds Numeracy Stage 8
ons greater than one		
I thinking, number facts		
ths	Fractions with denominators up to 10 $6\frac{3}{7} + 1\frac{3}{8} = \square$	Any fractions
ths, 00 $\frac{100}{90}$ $\frac{1}{2}$ $\frac{1}{5}$	Fractions with denominators up to 10 of any whole number $\frac{3}{7} \times 63 = 1\frac{2}{9}$ of 36 36 $\frac{44}{9}$ $\frac{3}{7} \times 63 = 27$ $63 \div 7 = 9 \rightarrow \frac{1}{7}$ of 63 is 9	Fractions of any whole number
5	$3 \times 9 = 27 \longrightarrow \frac{3}{7} \text{ is } 3 \text{ lots of } 9$	
using multiplicative and proportional thinking		
unit 10	Multiply any fraction by a fraction, denominators to 10 $\frac{4}{7} \times \frac{2}{3} = \square$	Multiply any fractions
ding a fraction by a fraction		
/ half	Divide any fraction by one half How many halves in $\frac{3}{4}$? 0 $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4} \div \frac{1}{2} =$	Divide any fraction $\frac{3}{4}$ 1 $\frac{1}{2}$ of a $\frac{1}{2}$
ors	Any fractions	Any fractions, decimal and percentage
ions 10,	Any fractions	
into s	Halves, quarters, fifths, tenths and hundreths into decimals and percentages	Convert between fractions, decimals, percentages, rates and ratios