



SPRING TERM 2 FRACTIONS

Unit 10: Adding & Subtracting Fractions Unit 11: Multiplying & Dividing Fractions

RACTIONS

Unit 10: Adding and Subtracting Fractions

Keywords

What do I need to be able to do?

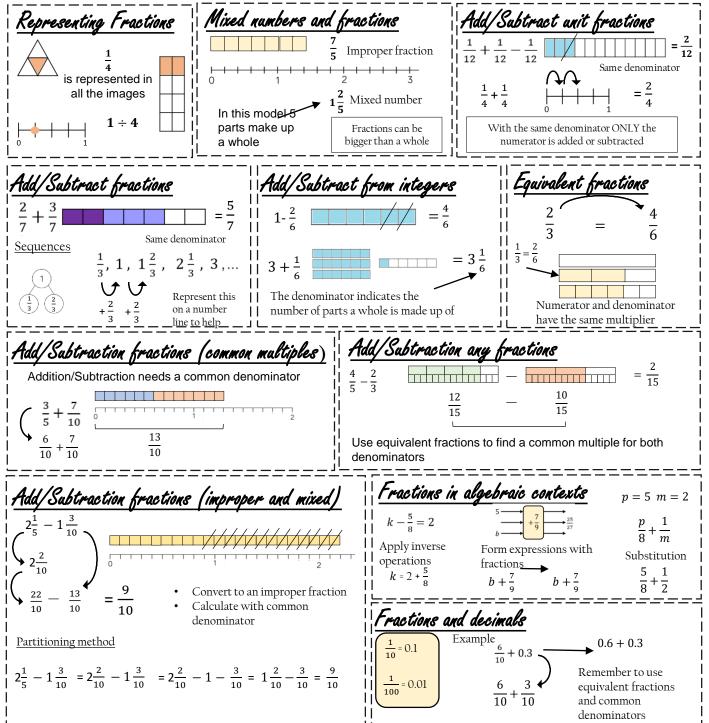
- Convert between mixed numbers and fractions
- Add/Subtract unit fractions (same denominator)
- Add/Subtract fractions (same denominator)
- Add/Subtract fractions from integers
- Use equivalent fractions
- Add/Subtract any fractions
- Add/Subtract improper fractions and mixed numbers
- Use fractions in algebraic contexts

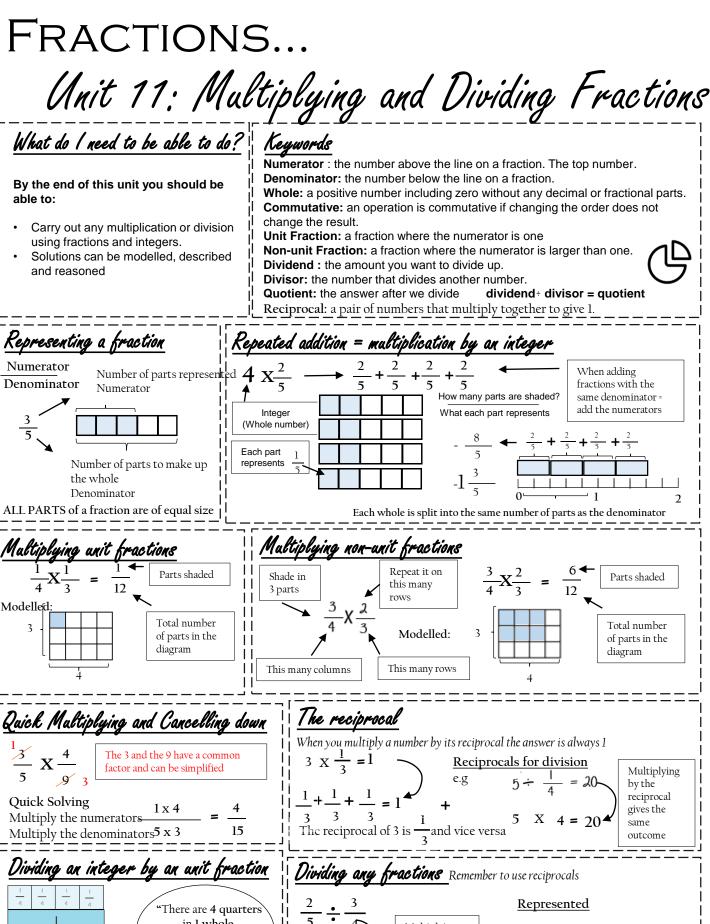
Numerator : the number above the line on a fraction. The top number. Represents how many parts are taken

Denominator: the number below the line on a fraction. The number represent the total number of parts

- Equivalent: of equal value
 - Mixed numbers: a number with an integer and a proper fraction
 - **Improper fractions:** a fraction with a bigger numerator than denominator **Substitute:** replace a variable with a numerical value

Place value: The value of a digit depending on its place in a number. Each place is 10 times bigger than the place to its right





in 1 whole. Therefore, there are 20 quarters in 5 wholes", $5 \frac{1}{4} = 20$

How many quarters are in 1? Multiplying by a reciprocal gives the same 15 outcome