

My mathematical journey

\*Mathswatch clips in brackets

What do I need to remember from before?

- Addition and subtraction (NP2)
- Multiplication and division (NP3)
- Exponents and roots (NP4)
- Order of operations (NP5)
- Directed numbers (NP6)

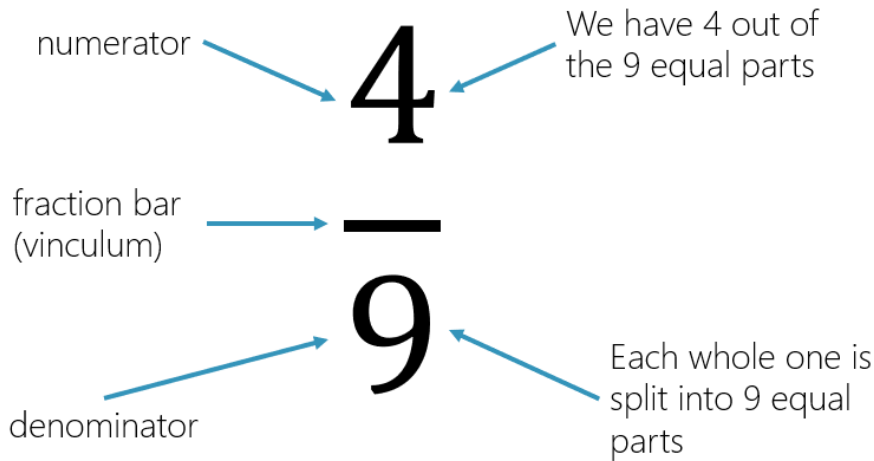
What will I learn about in this unit at CEC?

- Representing fractions with pictures and numerals (MW N23a, N23b, N23c, N35)
- Calculating with fractions (MW N34, N36, N37a, N37b, N42a, N42b)
- Finding fractions and wholes (MW N33, R3)

Where does this lead?

- Percentages, decimals and fractions (NP8)
- Proportional reasoning (NP10)
- Ratio (NP11)
- Linear equations (A4)
- Algebraic fractions (A17)

Key words and symbols: what I need to say and write accurately



Word	Explanation
proper fraction	a number less than 1, written as a fraction where the numerator is less than the denominator. e.g. $\frac{4}{9}$
improper fraction	a number greater than 1, written as a fraction where the numerator is greater than the denominator. e.g. $\frac{14}{9}$
mixed number	a number greater than 1, written as an integer and a proper fraction. e.g. $1\frac{5}{9}$