Fractions

ESSENTIAL VOCABULARY

Numerator	The number on the top of the fraction
Denominator	The number at the bottom of the fraction
Whole number	Any number between zero to infinity, not including decimals or fractions.
Improper fraction	A fraction where the numerator is greater than the denominator. E.g. 8/7
Proper fraction	A fraction where the numerator is less than the denominator. E.g. 4/5
Mixed fraction	A whole number and a proper fraction. E.g. 4 and 3/4
Greater than	A number that is bigger than another number.
Less than	A number that is smaller than another number.
Order	Organising numbers based on value.
Round/rounded to	Simplifying a number usually to its nearest multiple of 10, 100 or 1000. In the case of decimals, this could be rounded to the nearest whole number.
Equivalent	An equal value.
tenths	each of ten equal parts into which something is or may be divided.
hundredths	each of hundred equal parts into which something is or may be divided.
Thousandths	each of thousand equal parts into which something is or may be divided.

Visual representations
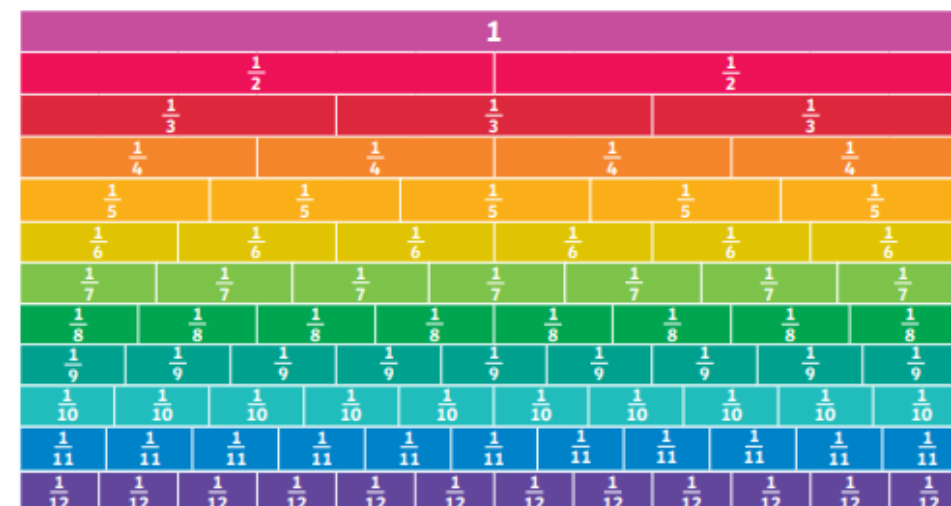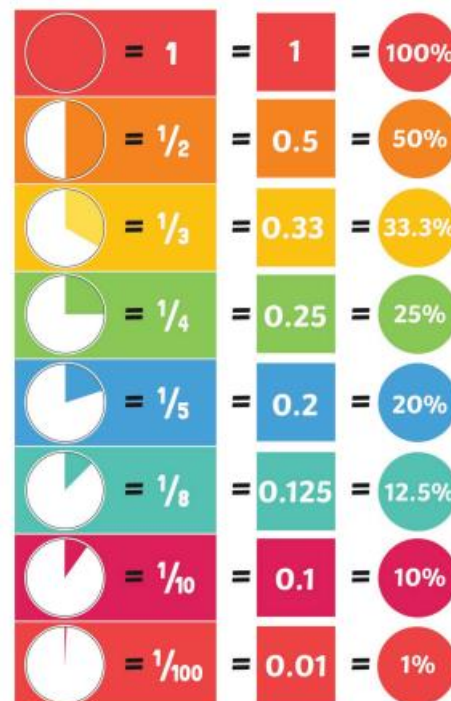
LINKS TO PREVIOUS LEARNING

- count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- add and subtract fractions with the same denominator within one whole [for example, 7 5 + 7 1 = 7 6]
- compare and order unit fractions, and fractions with the same denominators
- solve problems that involve all of the above..

Key Themes

- Place value
- Rounding
- Regrouping
- Addition, subtraction, multiplication and division

Stem Sentences

Rounding to the nearest _____.
_____ is between _____ and _____. The closest multiple of _____ is _____. I know this because _____.