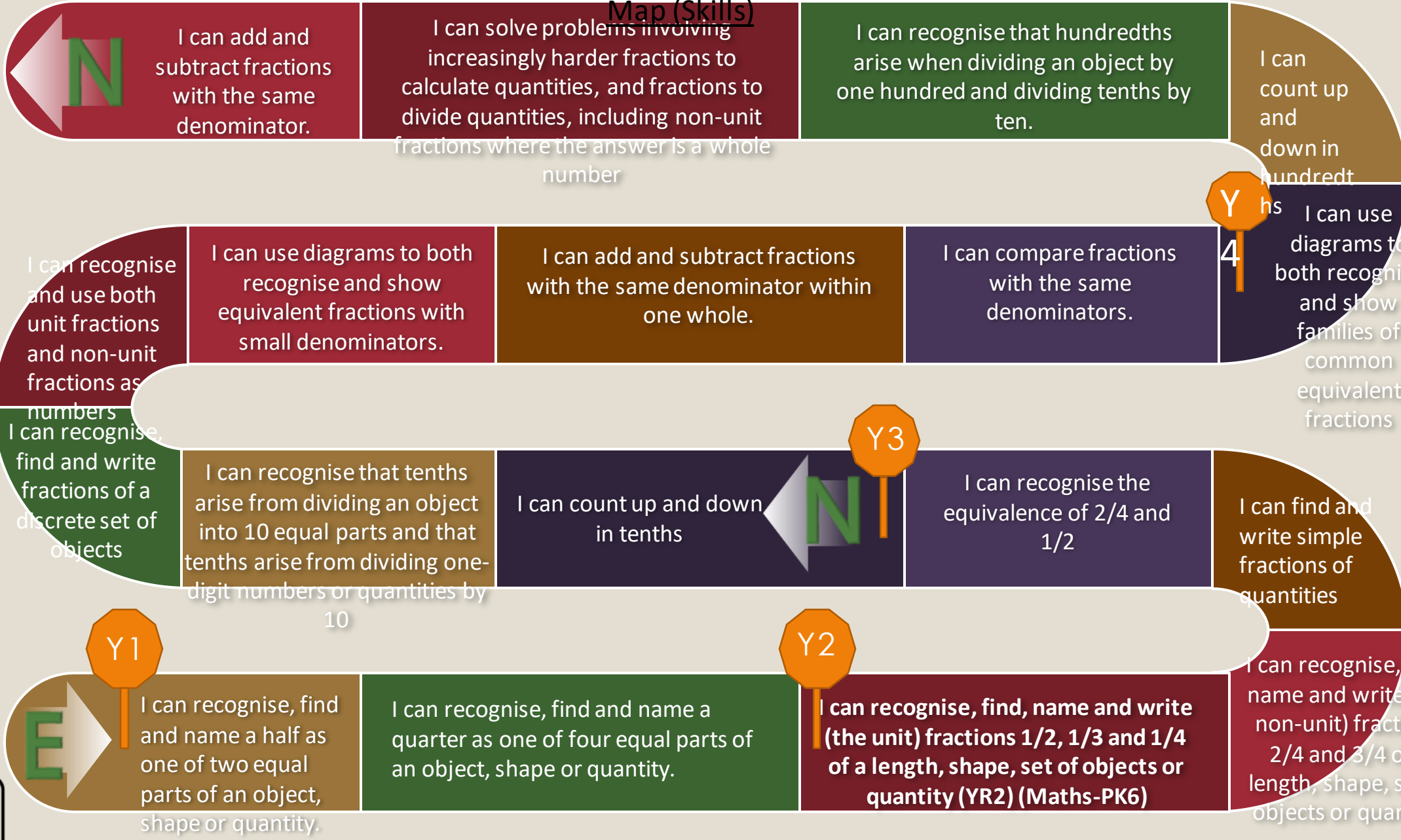


Haughton School Mathematics Fractions, Decimals, Percentages and Ratio Progression



Map (Skills)



N I can write percentages as a fraction with denominator hundred, and as a decimal fraction.

I can recognise the per cent symbol (%) and understand that per cent relates to "number of parts per hundred"

I can solve problems involving number up to three decimal places.

I can read, write, order and compare numbers with up to three decimal places.

I can round decimals with two decimal places to the nearest whole number and to one decimal place.

I can add and subtract fractions with the same denominator

I can add and subtract fractions with denominators that are multiples of the same number.

I can multiply proper fractions and mixed numbers by whole numbers.

I can read and write decimal numbers as fractions.

I can recognise mixed numbers and improper fractions and convert from one form to the other.

I can identify, name and write equivalent fractions of a given fraction.

I can compare and order fractions whose denominators are all multiples of the same number.

Y5

I can solve simple measure and money problems involving fractions and decimals to two decimal places.

I can compare numbers with the same number of decimal places up to two decimal places.

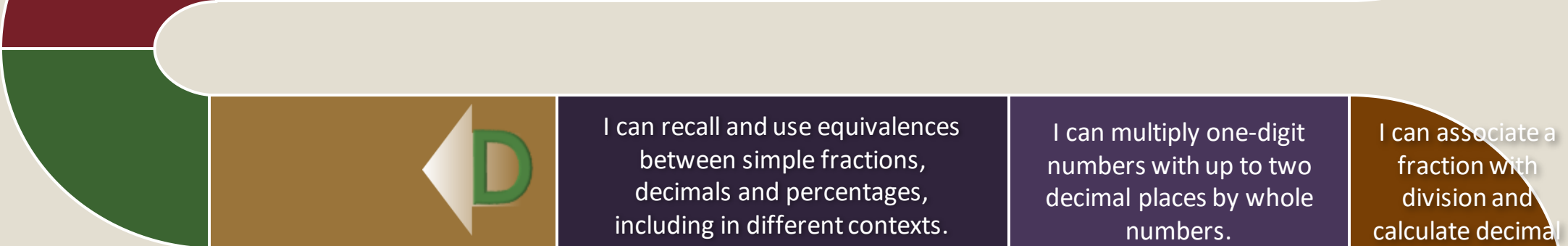
I can round decimals with one decimal place to the nearest whole number.

N I can recognise and write decimal equivalents of any number of tenths or hundredths.

I can recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$

I can find the effect of dividing a 1-digit or 2-digit number by 10 and 100.





Y6

N I can solve problems, which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25

I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

I can compare and order fractions, including fractions > 1

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

