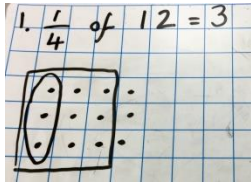


Fractions and Decimals Progression Map

Year 4

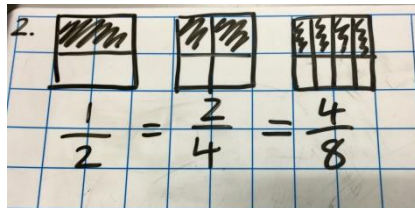
1. Find unit fractions of amounts.

Example: $\frac{1}{4}$ of 12 = 3



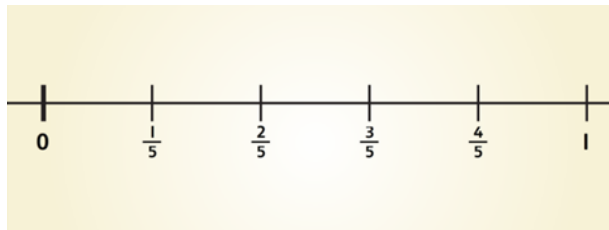
2. Begin to recognise and show families of common equivalent fractions

Example:



3. Count in fractions:

Example:



4. Recognise and write decimal and fraction equivalents of tenths and a $\frac{1}{2}$.

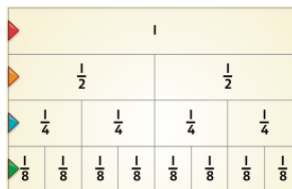
Example: $0.1 = \frac{1}{10}$

5. Find the effect of dividing a 1-digit or 2-digit number by 10, and recognise that the first place after the decimal point is a tenth.

Example: $5 \div 10 = \frac{5}{10} = 0.5$

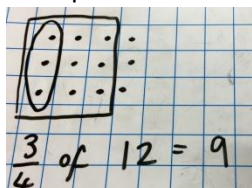
6. Recognise and show families of common equivalent fractions and begin to compare fractions with non-like denominators.

Example: $\frac{4}{10} = \frac{2}{5}$

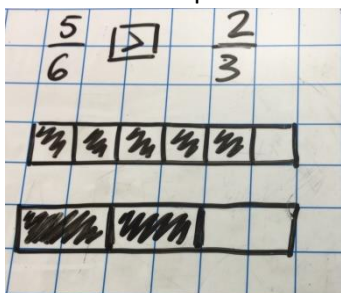


7. Find non-unit fractions of amounts where the answer is a whole number.

Example: $\frac{3}{4}$ of 12 = 9



8. Use equivalent fractions to simplify and compare fractions where the denominators are not the same. Example:

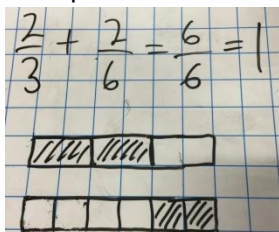


9. Recognise and write decimal and fraction equivalents of tenths, hundredths, $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.

Example: $\frac{3}{4} = 0.75$ $1.3 = 1\frac{3}{10}$

10. Write additions of fractions with different denominators with a total of 1.

Example:



11. Add and subtract fractions with the same denominator, including totals greater than 1.

Example: $\frac{3}{8} + \frac{7}{8} = \frac{10}{8}$