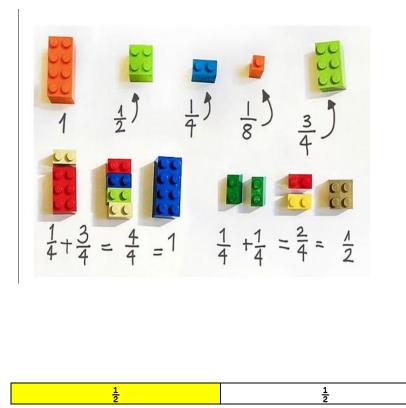
Fraction Policy Pencil and Paper Procedures Stages 1-6

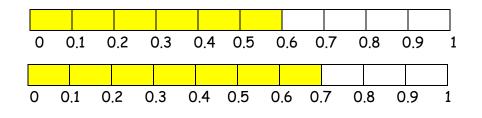
Policy Date: September 2020 Review Date: July 2021



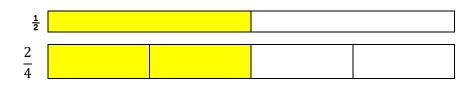
West Bradford LAP Fractions Policy













## Cuisenaire

-

Strand	Stage 1	Stage 2
Recognise fractions, decimals	N/C: recognise, find and name a half as one of two equal parts of an object, shape or quantity	N/C: recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity
and percentages	N/C: recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	N/C: write simple fractions e.g. 1/2 of 6 = 3 and recognise the equivalence of two quarters and one half.

	<ul> <li>Find half of a variety of paper shapes by folding them in different ways into equal parts.</li> <li>Shade half of each shape.</li> </ul>	$ \begin{array}{c} \overbrace{1}{4} \\ \overbrace{2}{5} \\ \overbrace{2} \\ \overbrace{2}$
	Shade $\frac{1}{2}$ of this shape yellow. $\frac{1}{2}$ $\frac{1}{2}$	Shade 1/4 of this shape yellow Shade 2/4 of this shape yellow
	Shade $\frac{1}{4}$ of this shape yellow	Shade 3/4 of this shape yellow
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	<ul> <li>Ring one half of this set of 10 buttons.</li> <li> <sup>(1)</sup> <sup>(1)</sup></li></ul>	$\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$
Strand	Stage 1	Stage 2
Counting fractions, decimals and percentages	N/A	N/C: Counting fractions up to ten starting from any number. N/C: To be able to recognise that 1/2 and 2/4 are equivalent.

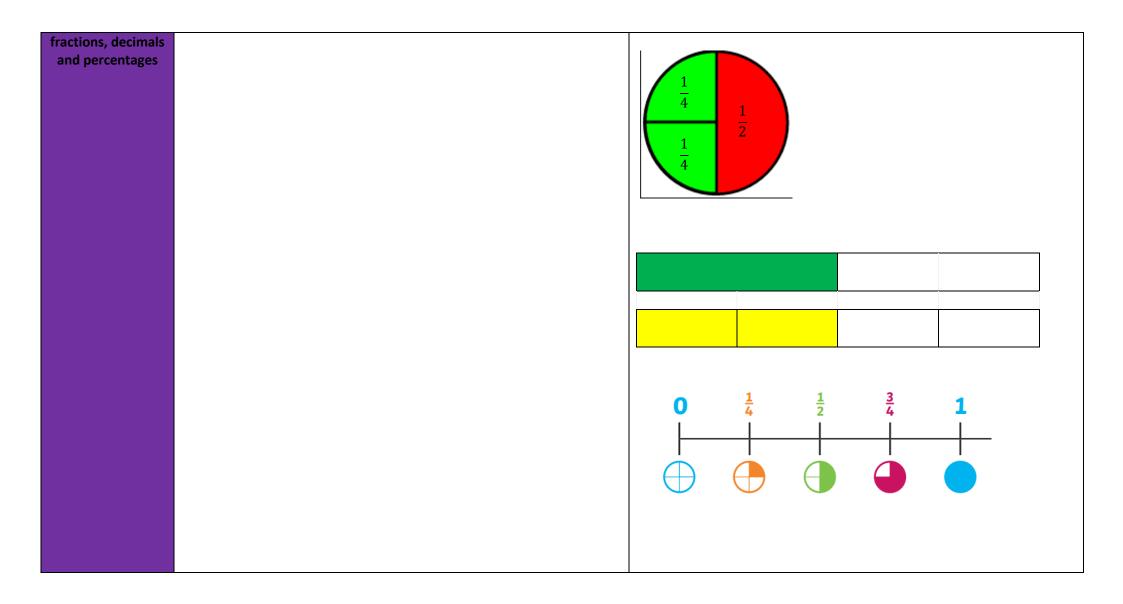
		Halves 1 $1/2$ $1/4$ $1/2$ $1/4$ $1/2$ $1/4$ $1/2$ $1/2$ $1/4$ $1/2$ $1/2$ $3$ $1/2$ $1/2$ $3$ $1/2$ $1/$
		Spot the mistake What comes next?
		7, 7 ½, 8, 9, 10       5 ½, 6 ½, 7 ½,,         8 ½, 8, 7, 6 ½,       9 ½, 9, 8 ½,,
		and correct it.
Strand	Stage 1	Stage 2
Comparing, ordering and	N/A	N/A

rounding fractions,
decimals and
percentages

Strand	Stage 1	Stage 2
Adding and subtract fractions,	N/A	N/A
decimals and percentages		

Strand	Stage 1	Stage 2
Multiplying and dividing fractions, decimals and percentages	N/A	N/A

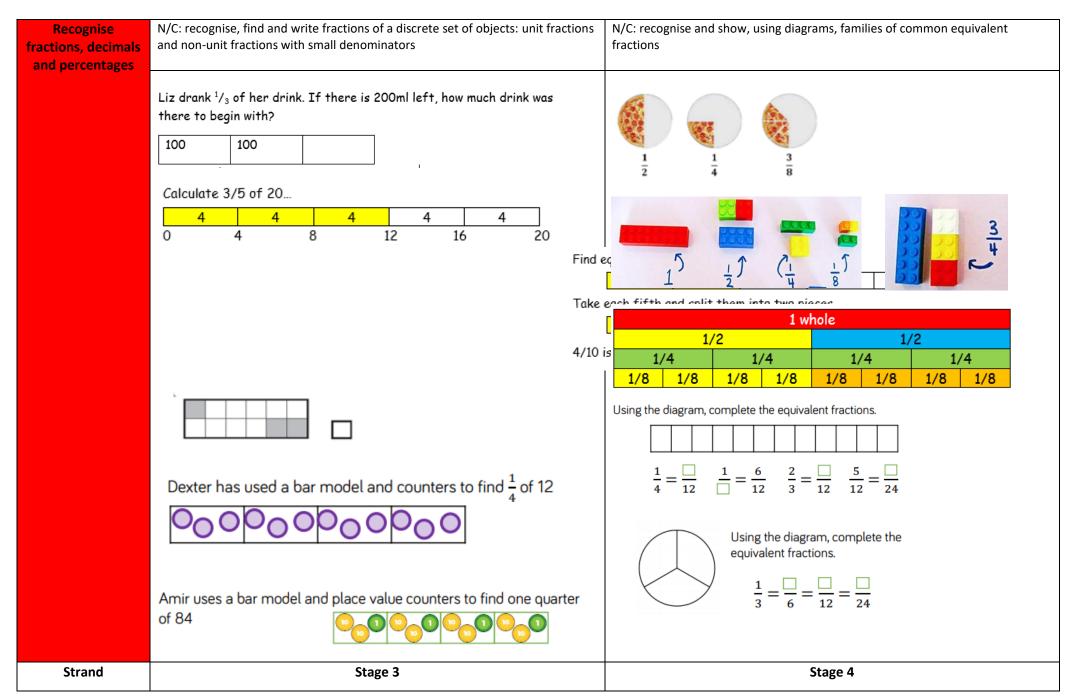
Strand	Stage 1	Stage 2
Equivalent	N/A	N/C: Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ .

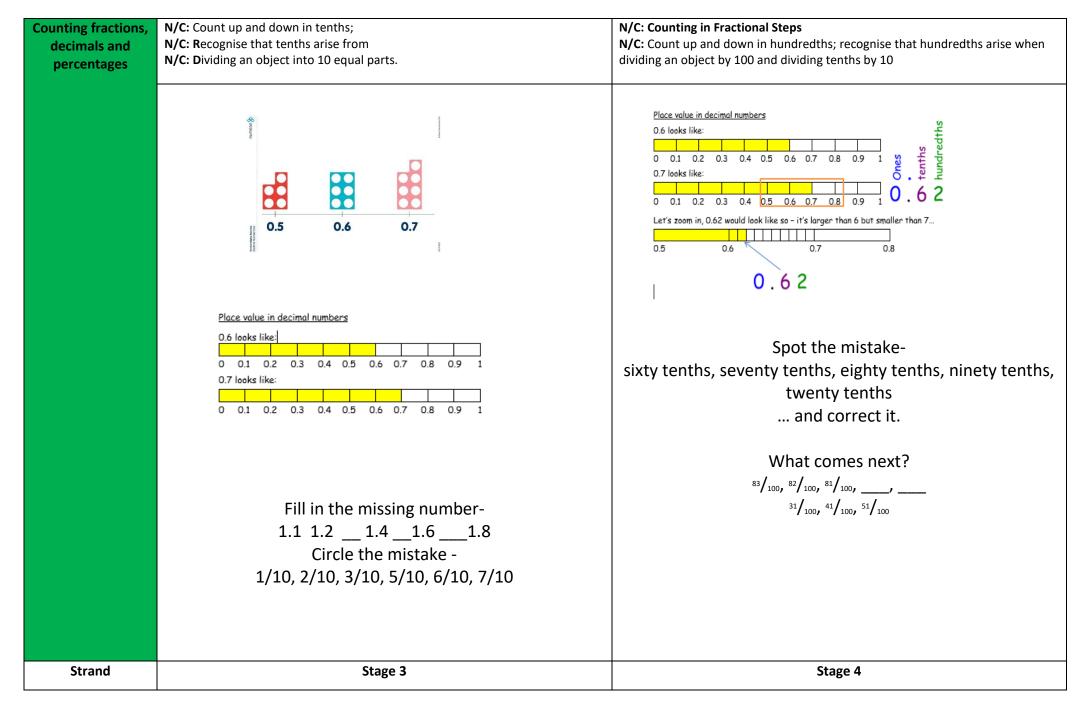


Strand	Stage 1	Stage 2

Convert between fractions, decimals and percentages	N/A	N/A

Strand	Stage 3	Stage 4
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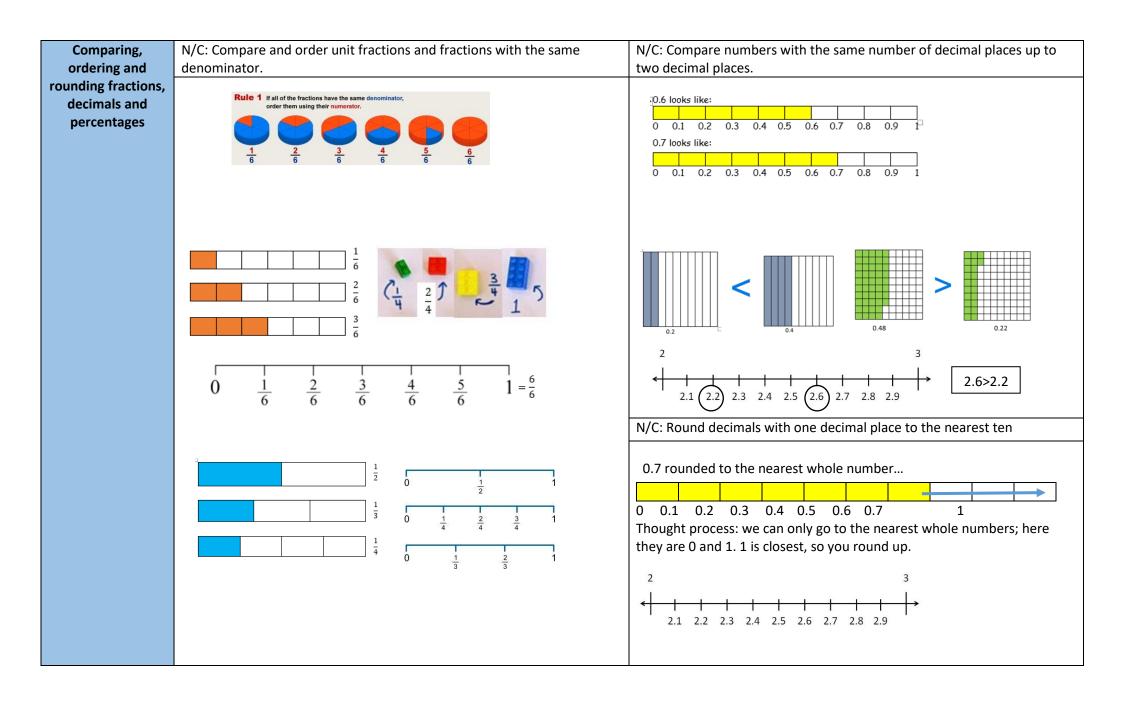


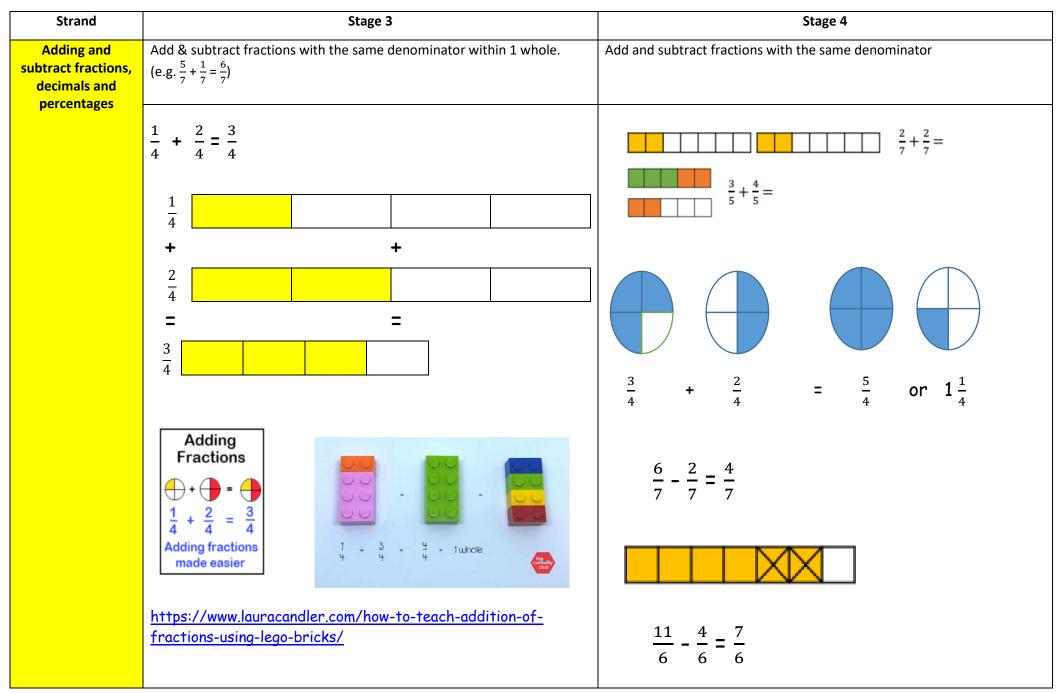


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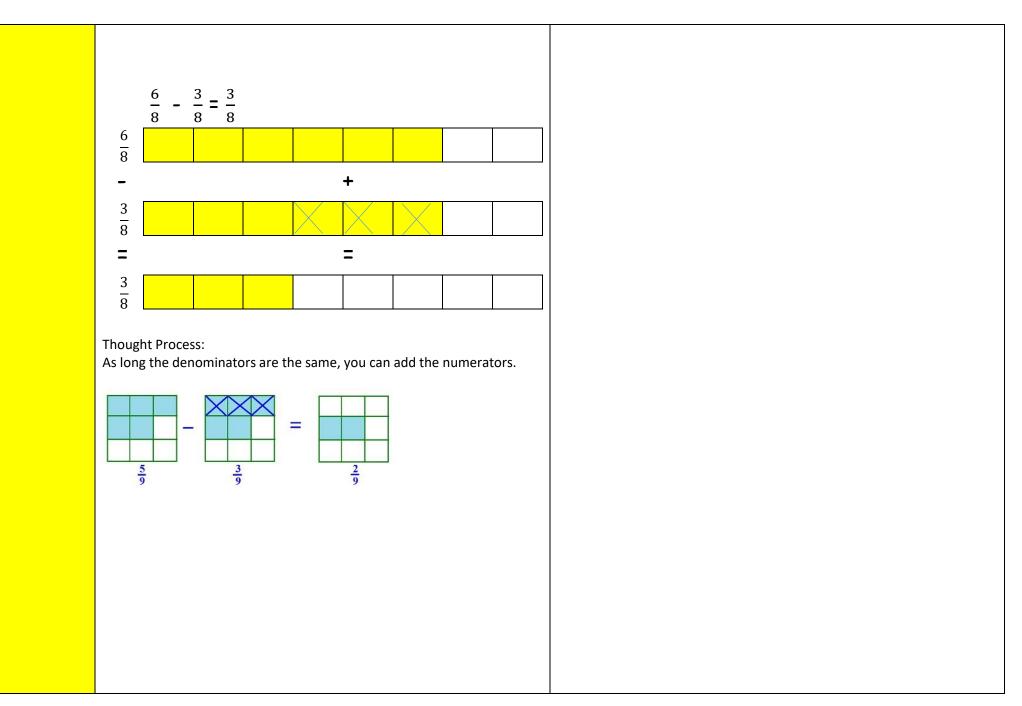
Place value in decimal numbers

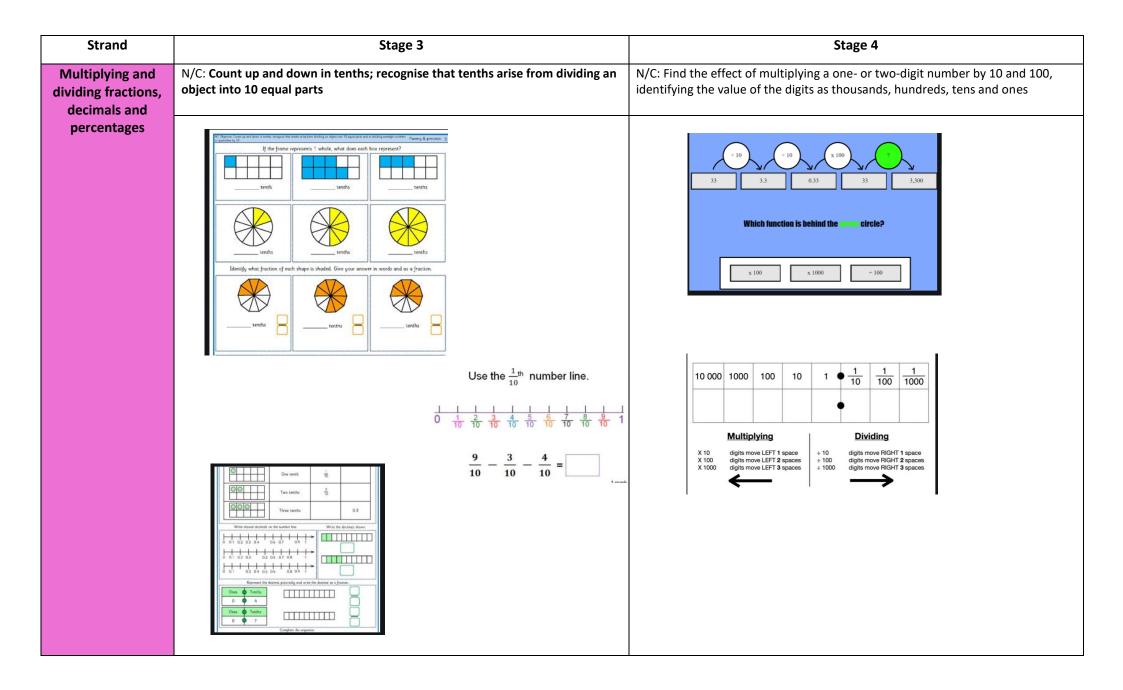
0.6 looks like:

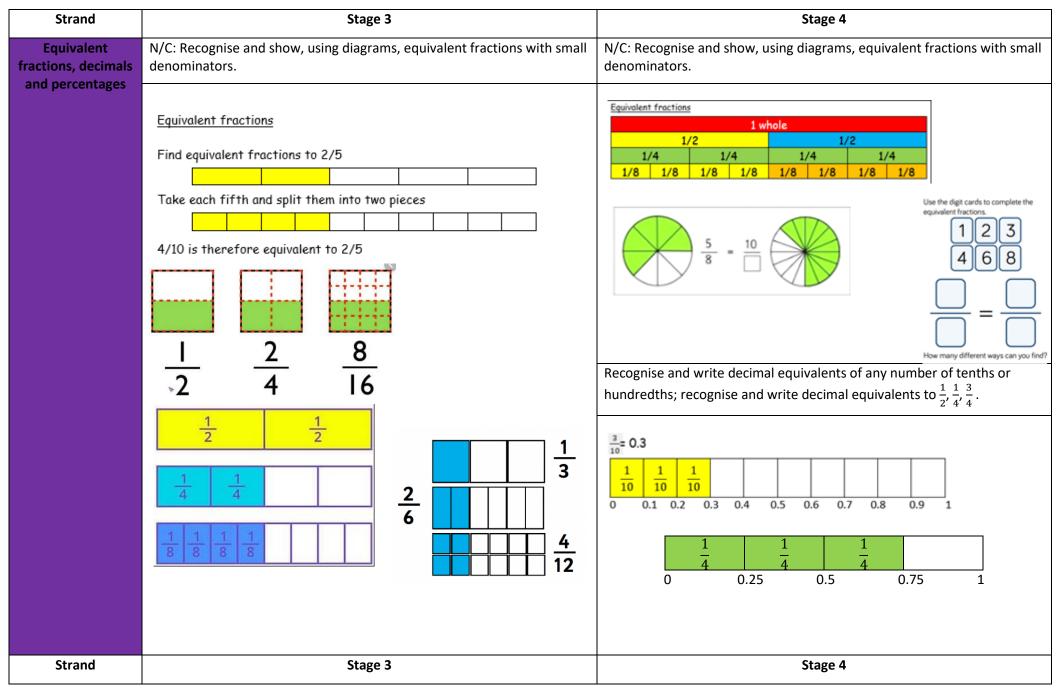




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Convert between fractions, decimals	N/A	N/A
and percentages		

Strand	Stage 5	Stage 6
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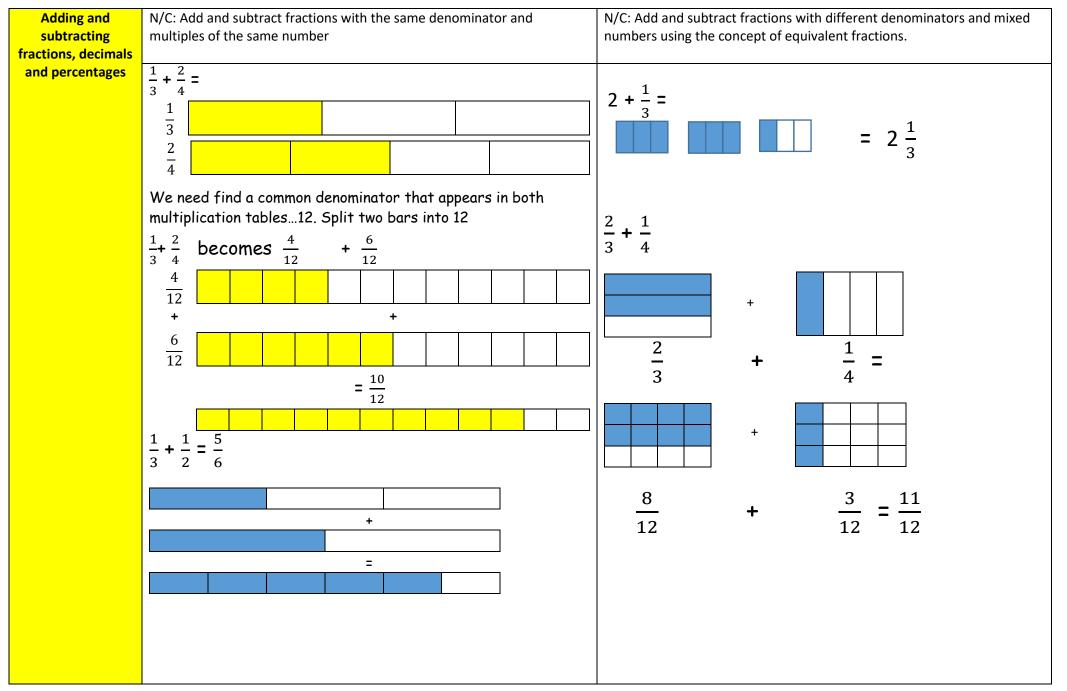
Recognise fractions, decimals and percentages	N/C: recognise the percent symbol (%) and understand that percent relates to "number of parts per hundred", and write percentages as a fraction with denominator hundred, and as a decimal fraction         N/C: recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other and write mathematical statements         Image: the percentages are structured by the other are structure	N/A
Strand	Stage 5	Stage 6

Counting fractions, decimals and percentages	Consolidate learning from stages 2 - 4	Consolidate learning from stages 2 - 4
Strand	Stage 5	Stage 6

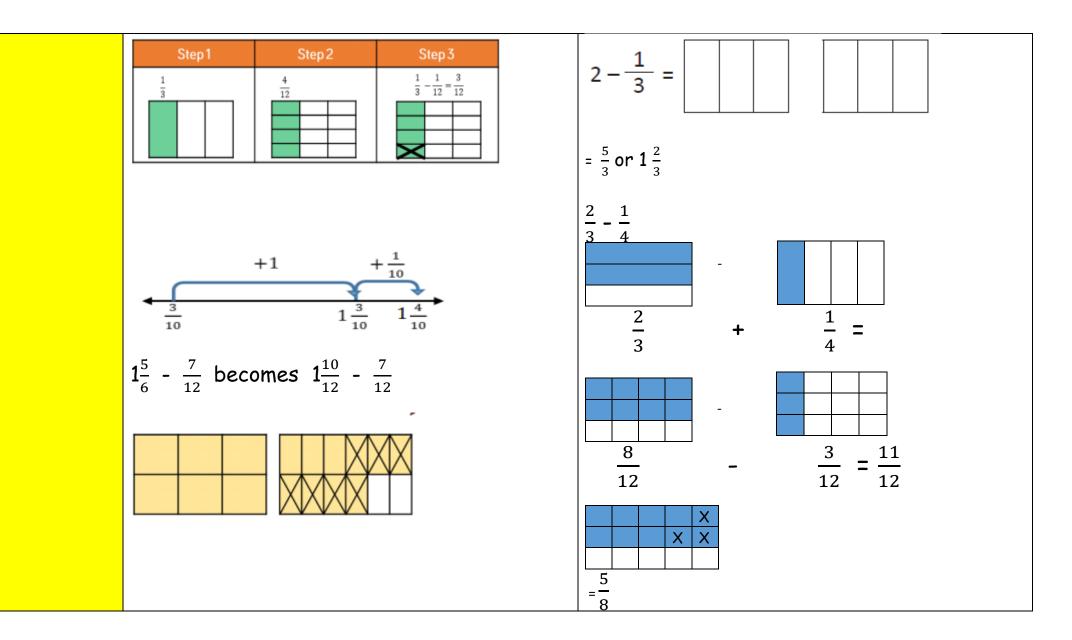
Comparing,	N/C: Compare and order fractions whose denominators are all multiples	N/C: Compare and order fractions, including fractions > 1.
		N/C. Compare and order fractions, including fractions > 1.
-		
ordering and rounding fractions, decimals and percentages	of the same number. $ \begin{array}{c} 1 \\ 3 \\ \hline \hline$	Use a bar model to compare $1\frac{2}{3}$ and $1\frac{5}{6}$ Compare $1\frac{3}{4}$ and $1\frac{1}{3}$ using a numberline. $\frac{1}{13}\frac{1}{13$
		Give an example of a <b>fraction</b> that is greater than 1.1 and less than 1.5. Now another example that no one will think of. Explain how you know.
	Round 3.2 to the nearest whole number. 3 is closest.	
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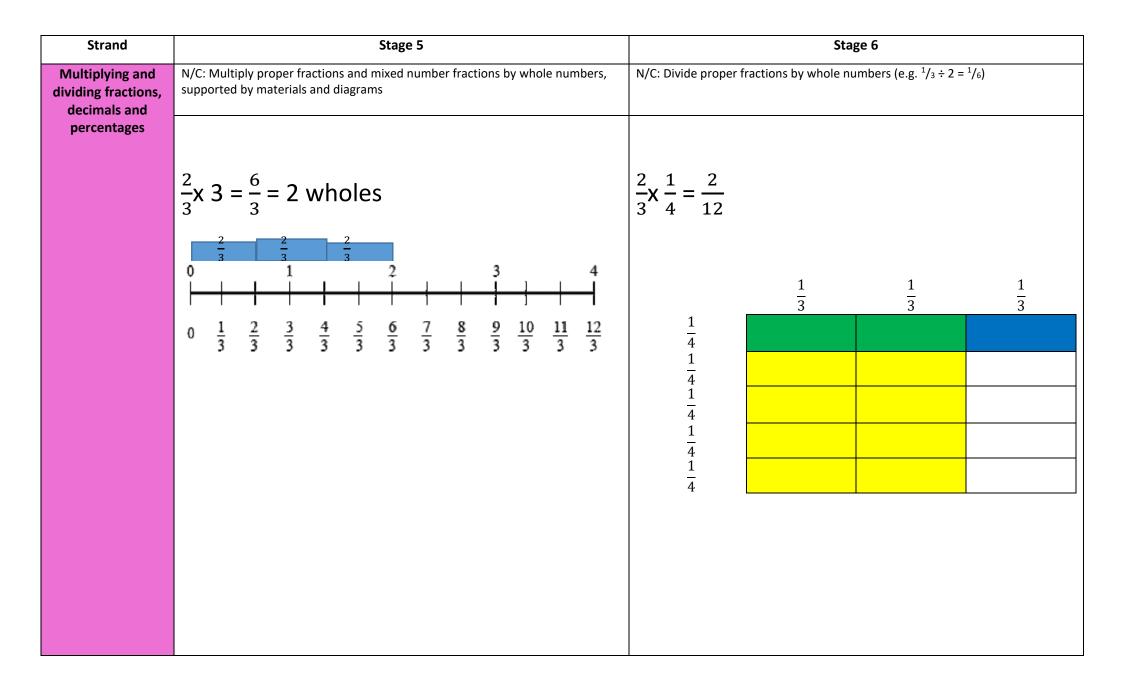
Do, then explain	
Circle each decimal which when rounded to one decimal place is 6.2. 6.32 6.23 6.27 6.17 Explain your reasoning.	

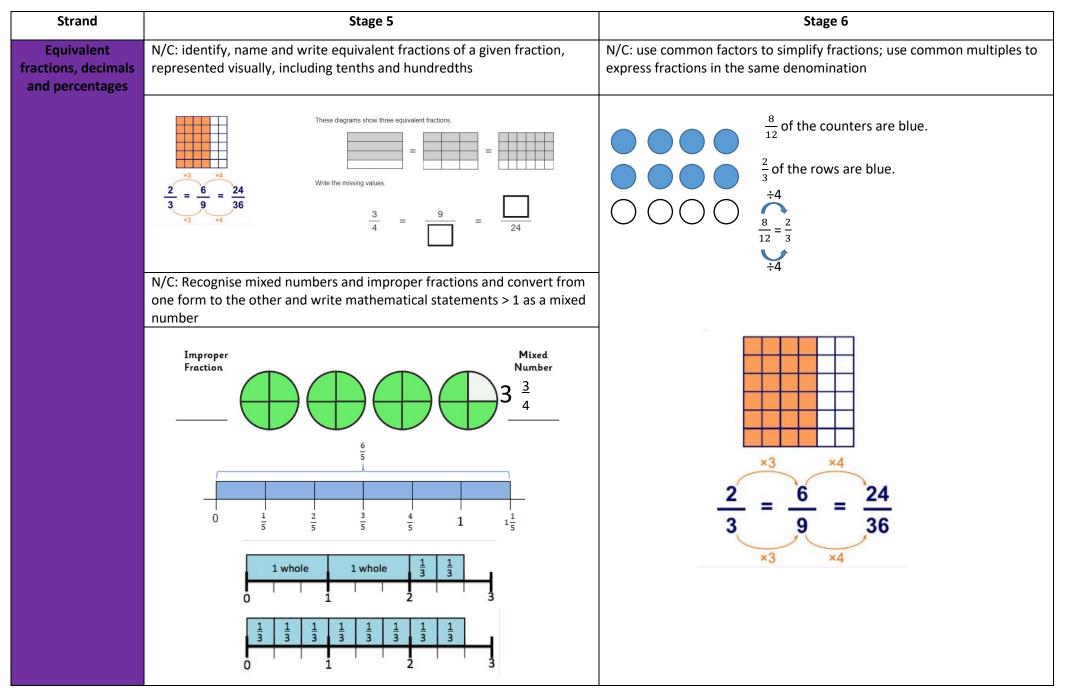
	Strand	Stage 5	Stage 6
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