1) Colour the bar model to solve the calculation.

$\frac{1}{3} + \frac{1}{3} = \square$

2) Draw and colour your own bar models to solve the calculations.

a) $\frac{2}{3} + \frac{1}{3} + \frac{2}{3} = \square$

b) $\frac{7}{6} + \frac{1}{6} + \frac{3}{6} = \square$

3) Write the calculations to match these fraction models and calculate the answer.

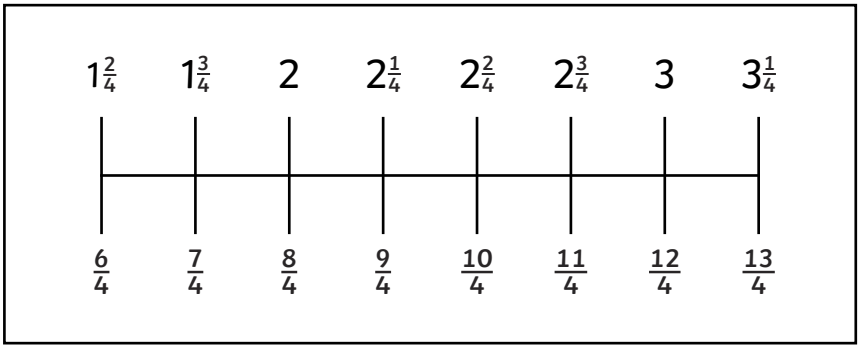
a)

b)

4) Use the number line to help solve the calculations.

a) $\frac{6}{4} + \frac{5}{4} = \square$

b) $\frac{7}{4} + \frac{3}{4} + \frac{2}{4} = \square$



1) Explain the mistake that has been made.

$\frac{3}{7} + \frac{2}{7} + \frac{1}{7} = \frac{6}{21}$

2) Which is the odd one out and why?

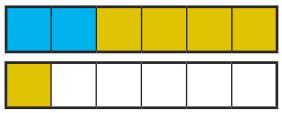
A $\frac{5}{8} + \frac{3}{8}$

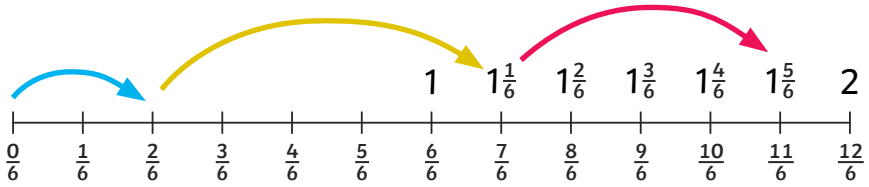
B $\frac{12}{10} + \frac{8}{10}$

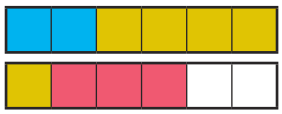
C $\frac{90}{100} + \frac{10}{100}$

3) Each child has used a different model to help them calculate the answer to the calculation. Mark their work, correct it and give them feedback.

$\frac{2}{6} + \frac{5}{6} + \frac{3}{6} = \frac{\square}{\square}$

Lilah 	Correct ( ) or Incorrect ( )?
Feedback	

Carl 	
Feedback	Correct ( ) or Incorrect ( )?

Nadia 	Correct ( ) or Incorrect ( )?
Feedback	

1) Read the children's clues and match them to the correct calculations.

Luca

The answer to my calculation is 2.

The answer to my calculation is greater than a whole and the numerator is an odd number.

Sarah

Tom

The answer to my calculation is greater than a whole and the numerator is an even number.

My fraction calculation has the smallest answer.

Angus

Georgia

The answer to my calculation is $\frac{1}{6}$ less than a whole.

The answer to my calculation is greater than a whole and its numerator is a single digit.

Sita

$\frac{10}{6} + \frac{4}{6}$ | $\frac{5}{6} + \frac{5}{6} + \frac{1}{6}$ | $\frac{5}{6} + \frac{4}{6}$ | $\frac{2}{6} + \frac{2}{6} + \frac{1}{6}$ | $\frac{4}{6} + \frac{4}{6} + \frac{4}{6}$ | $\frac{1}{6} + \frac{1}{6}$

Child	Calculation
Luca	
Sarah	
Tom	

Child	Calculation
Angus	
Georgia	
Sita	

2) Use each digit below once to complete the fractions in the grid so that each column, row or diagonal line adds up to $\frac{15}{4}$.

1	2	3	4	5

6	7	8	9

$\frac{\square}{4}$	$\frac{\square}{4}$	$\frac{\square}{4}$
$\frac{\square}{4}$	$\frac{\square}{4}$	$\frac{\square}{4}$
$\frac{\square}{4}$	$\frac{\square}{4}$	$\frac{\square}{4}$