Blue

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

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

1)

Child	Calculation
Luca	$\frac{4}{6} + \frac{4}{6} + \frac{4}{6} = \frac{12}{6}$
Sarah	$\frac{5}{6} + \frac{5}{6} + \frac{1}{6} = \frac{11}{6}$
Tom	$\frac{10}{6} + \frac{4}{6} = \frac{14}{6}$
Angus	$\frac{1}{6} + \frac{1}{6} = \frac{2}{6}$
Georgia	$\frac{2}{6} + \frac{2}{6} + \frac{1}{6} = \frac{5}{6}$
Sita	$\frac{5}{6} + \frac{4}{6} = \frac{9}{6}$

2)

$\frac{2}{4}$	$\frac{7}{4}$	$\frac{6}{4}$
$\frac{9}{4}$	$\frac{5}{4}$	$\frac{1}{4}$
$\frac{4}{4}$	$\frac{3}{4}$	$\frac{8}{4}$

Children may find a different arrangement but as long as each line adds up to $\frac{15}{4}$, it can be marked as being correct.

$\frac{5}{4}$ must always be in the centre of the grid.

$\frac{2}{4}$, $\frac{4}{4}$, $\frac{6}{4}$ and $\frac{8}{4}$ must always be in the corners of the grid.