

- 1) Copy and colour the bar model to solve the calculation.



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

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

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

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

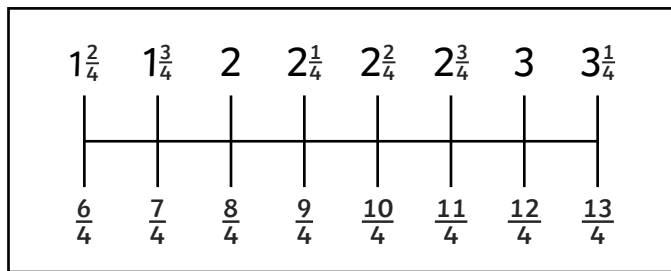
- 3) Write the calculations to match these fraction models and calculate the answer.



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

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

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



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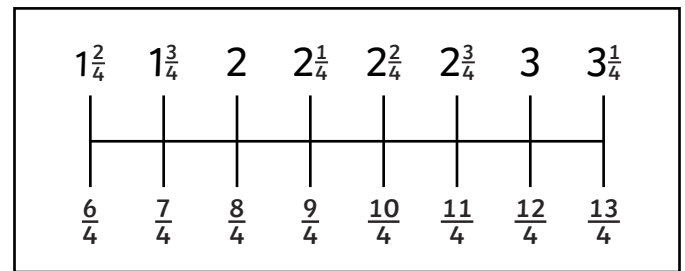
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1) Explain the mistake that has been made.

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



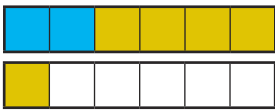
2) Which is the odd one out and why?

A	B	C
$\frac{5}{8} + \frac{3}{8}$	$\frac{12}{10} + \frac{8}{10}$	$\frac{90}{100} + \frac{10}{100}$

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.

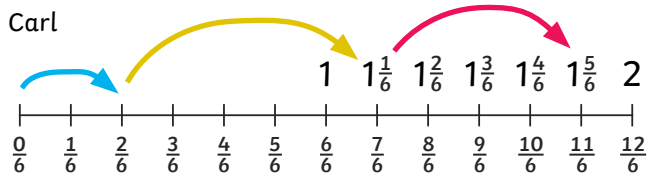
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Lilah



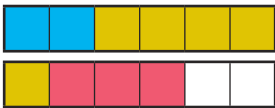
Correct ()
or Incorrect ()?

Carl



Correct () or Incorrect ()?

Nadia



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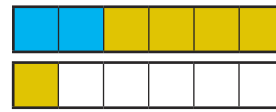
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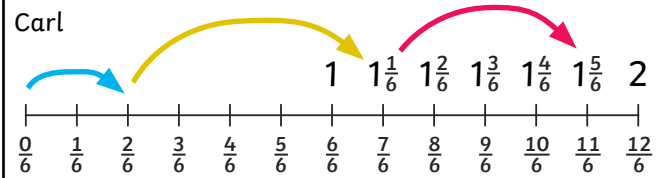
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1) Read the children's clues and match them to the correct calculations.



The answer to my calculation is 2.

Luca

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



Sarah



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

Tom

My fraction calculation has the smallest answer.



Angus

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



Georgia

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



Sita

$$\frac{10}{6} + \frac{4}{6}$$

$$\frac{5}{6} + \frac{5}{6} + \frac{1}{6}$$

$$\frac{5}{6} + \frac{4}{6}$$

$$\frac{2}{6} + \frac{2}{6} + \frac{1}{6}$$

$$\frac{4}{6} + \frac{4}{6} + \frac{4}{6}$$

$$\frac{1}{6} + \frac{1}{6}$$

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

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