Addition of fractions the same denominator.

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

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

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

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

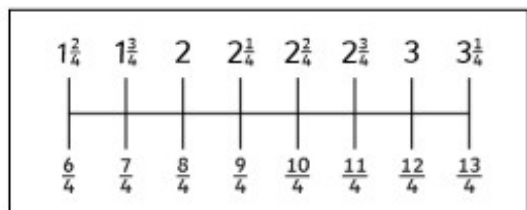b) $\frac{7}{6} + \frac{1}{6} + \frac{3}{6} = \square$

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

a)

b)

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

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

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

| $1\frac{2}{4}$ | $1\frac{3}{4}$ | 2 | $2\frac{1}{4}$ | $2\frac{2}{4}$ | $2\frac{3}{4}$ | 3 | $3\frac{1}{4}$ |

| $\frac{6}{4}$ | $\frac{7}{4}$ | $\frac{8}{4}$ | $\frac{9}{4}$ | $\frac{10}{4}$ | $\frac{11}{4}$ | $\frac{12}{4}$ | $\frac{13}{4}$ |

These can be drawn using a ruler into your books and then coloured in.

You can draw this in before you answer the questions.

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

Write this out in your book before you explain the mistake.

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

Luca: The answer to my calculation is 2.

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

Tom: The answer to my calculation is greater than a whole and the numerator is an even number.
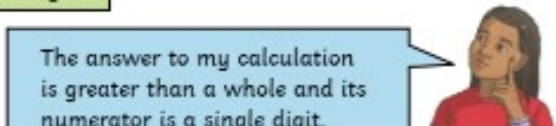
Angus: My fraction calculation has the smallest answer.

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

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

Write the name of the child and then the answer next to it.

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