11.02.20201 – Adding 2 or more Fractions Y4 Challenge Sheet
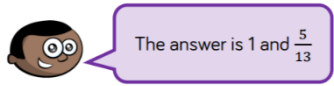
*Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Twinkl Diving into Mastery.*

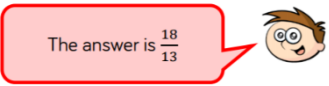**1.**

Mo and Teddy are solving:

$$\frac{6}{13} + \frac{5}{13} + \frac{7}{13}$$

Mo

The answer is 1 and $\frac{5}{13}$

Teddy

The answer is $\frac{18}{13}$

Who do you agree with?
Explain why.

Use this to help you with your answers:

Who is correct?
What did they do right?
Can you write it or draw it?

Example: Mo is correct because when you add up the initial fraction, it is the same as his answer.

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 |

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

3.

Which is the odd one out and why?

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

4.

) 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.

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

Lilah

Correct ( )
or Incorrect ( )?

Carl

$$1 \quad 1\frac{1}{6} \quad 1\frac{2}{6} \quad 1\frac{3}{6} \quad 1\frac{4}{6} \quad 1\frac{5}{6} \quad 2$$

$$\frac{0}{6} \quad \frac{1}{6} \quad \frac{2}{6} \quad \frac{3}{6} \quad \frac{4}{6} \quad \frac{5}{6} \quad \frac{6}{6} \quad \frac{7}{6} \quad \frac{8}{6} \quad \frac{9}{6} \quad \frac{10}{6} \quad \frac{11}{6} \quad \frac{12}{6}$$

Correct ( ) or Incorrect ( )?

Nadia

Correct ( )
or Incorrect ( )?

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When you've finished – check your answers on the answer sheet.