02.03.20201 – Subtract fractions from a quantity Challenge Sheet
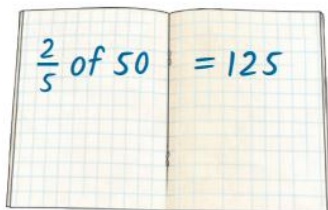
Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Twinkl Diving into Mastery.

1.
Explain the mistake.

$\frac{2}{5}$ of 50 = 125

2.
Write <, > or = to compare the calculations.

a) $\frac{2}{7}$ of 21 $\bigcirc$ $\frac{2}{3}$ of 21

b) $\frac{3}{5}$ of 40 $\bigcirc$ $\frac{2}{3}$ of 36

c) $\frac{6}{8}$ of 40 $\bigcirc$ $\frac{3}{4}$ of 40

d) $\frac{6}{10}$ of 50 $\bigcirc$ $\frac{3}{10}$ of 100

3.
Solve this problem.

Franz has a bag of 96 sweets. Some are red, $\frac{4}{12}$ are green and half are blue. What fraction and quantity are red?

4.
Use all the digit cards once to complete this calculation.

| 0 | 1 | 2 | 3 | 8 |

$\frac{\square}{\square}$ of 270 = $\square$

5.
Ron gives $\frac{2}{9}$ of a bag of 54 marbles to Alex.

Teddy gives $\frac{3}{4}$ of a bag of marbles to Alex.

Ron gives Alex more marbles than Teddy.

How many marbles could Teddy have to begin with?

$\frac{2}{9}$ of 54 > $\frac{3}{4}$ of $\boxed{}$

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