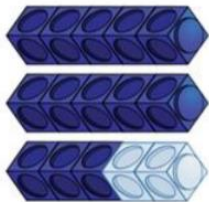


Use this sheet **WHEN** you've completed the main worksheet and want a challenge. Remember to use your blue book if you have it to show your workings. The questions were resourced from White Rose Maths and Twinkl Diving into Mastery.

1. 3 friends share some pizzas.  
Each pizza is cut into 8 equal slices.  
Altogether, they eat 25 slices.  
How many whole pizzas do they eat?

$\frac{25}{8} = 3$  and 1 eighth. They ate 3 whole pizzas and had 1 bite of another pizza.

2. Spot the mistake.



$\frac{13}{5} = 10$  wholes and 3 fifths

The person has incorrectly said there are 10 wholes.  
In fact, there are 2 wholes as 2 wholes, in this case, refers to  $\frac{10}{5}$ . There are then 3 fifths remaining so  $\frac{13}{5}$  would be 2 wholes and 3 fifths.

3. Rosie says,



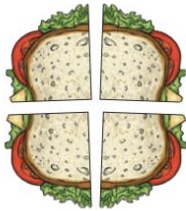
$\frac{16}{4}$  is greater than  $\frac{8}{2}$   
because 16 is greater than 8

Rosie is incorrect.

If both fractions are simplified, they will both equal 4 because 16 divided by 4 would equal 4 wholes.  
8 divided by 2 would equal 4 wholes.  
Therefore, the two fractions are EQUIVALENT fractions.

Do you agree?  
Explain why.

4. The children have solved a problem. Read their answers. Explain who is incorrect and why.  
There are 4 children at a party. Each whole sandwich is cut into 4 parts. The children eat 42 parts altogether. How many whole sandwiches did they eat?



The fraction would be  $\frac{42}{4}$

If this is shared between equal parts, there would be 10 wholes and 2 quarters.

Tammy is incorrect.

In terms of whole many whole sandwiches were eaten, this would be 10.

If 11 whole sandwiches were eaten, they would have had to eat 44 parts, which they did not.

