

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.

1. Match the number stories to the correct calculations.

Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{4}{8}$ How much do they eat altogether?	$\frac{7}{8} + \frac{3}{8} = -$
Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{4}{8}$ less. How much do they eat altogether?	$\frac{7}{8} + \frac{4}{8} = -$
Teddy eats $\frac{7}{8}$ of a pizza. Dora eats $\frac{3}{8}$ less. How much does Dora eat?	$\frac{7}{8} - \frac{3}{8} = -$

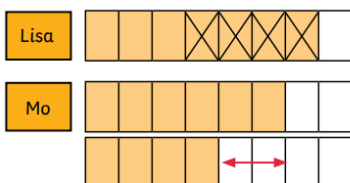
The first sentence matches with the second calculation.

The second sentence matches with the third calculation.

The third sentences matches with the first calculation.

2. Lisa and Mo are calculating $\frac{6}{8} - \frac{4}{8}$.

Here are the models they used to help them calculate the answer:



Are both models correct? Explain your reasoning.

Lisa is incorrect. She is incorrect because her shaded parts are $\frac{7}{8}$ and she only had $\frac{6}{8}$ to start.

Mo is correct. They have found the difference between $\frac{6}{8}$ and $\frac{4}{8}$

3. a) The answer to a subtraction calculation is $\frac{2}{10}$. Which of these representations would give the correct answer? Explain your reasoning for each.



C $\frac{12}{10} - \frac{10}{10}$

A is correct. It shows $\frac{10}{10} - \frac{8}{10}$ which equals $\frac{2}{10}$

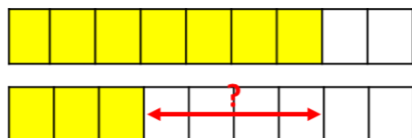
B is incorrect. It shows a find the difference model of $\frac{6}{10} - \frac{4}{10}$ which equals $\frac{2}{10}$

C is correct.

4. Annie and Amir are working out the answer to this problem.

$$\frac{7}{9} - \frac{3}{9}$$

Annie uses this model.



Amir uses this model.



Which model is correct? Explain why.

Can you write a number story for each model?

They are both correct. The first model shows finding the difference and the second model shows take away.