Q1. Eva eats $\frac{5}{12}$ of a pizza and Annie eats $\frac{1}{12}$ of a pizza.
What fraction of the pizza do they eat altogether?

Q2.

We can use this model to calculate $\frac{3}{8} + \frac{1}{8} = \frac{4}{8}$

Draw your own models to calculate

$\frac{1}{5} + \frac{2}{5} = \frac{\square}{5}$ $\frac{2}{7} + \frac{3}{7} + \frac{1}{7} = \frac{\square}{\square}$ $\frac{7}{10} + \frac{\square}{\square} = \frac{9}{10}$

Q3. Rosie and Whitney are solving:

$$\frac{4}{7} + \frac{2}{7}$$

Rosie says,

The answer is $\frac{6}{7}$

Whitney says,

The answer is $\frac{6}{14}$

Who do you agree with?
Explain why.

Q4. Mo and Teddy share these chocolates.

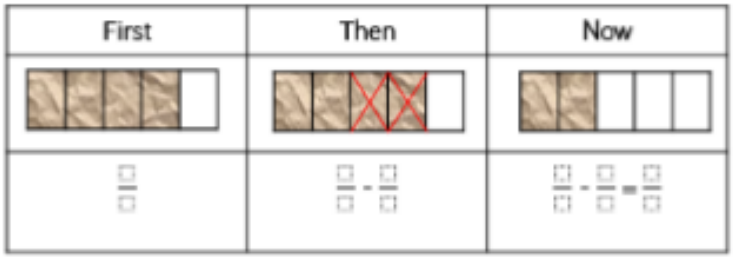
They both eat an odd number of chocolates.
Complete this number sentence to show what fraction of the chocolates they each could have eaten.

$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{12}{12}$$

Can you find more than one answer for this question?

Q5.

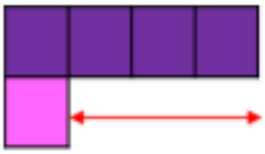
Eva is eating a chocolate bar. Fill in the missing information.



Can you write a number story using 'first', 'then' and 'now' to describe your calculation?

Q6. Use the models to help you subtract the fractions.

$\frac{5}{7} - \frac{\square}{7} = \frac{\square}{7}$

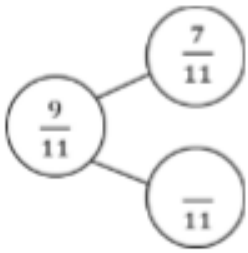


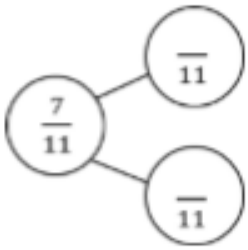
$\frac{4}{8} - \frac{\square}{8} = \frac{\square}{8}$

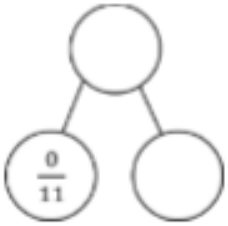
$\frac{\square}{9} - \frac{\square}{9} = \frac{4}{9}$

Q7.

Complete the part whole models. Use equipment if needed.
Can you write fact families for each model?







A fact family is the same a as family of equations. So you need 2 addition and 2 subtraction sums.