LO: To add fractions

Practice

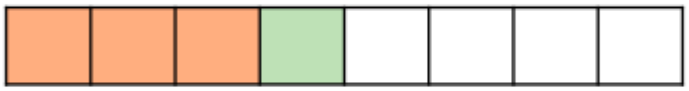
Take a paper circle. Fold your circle to split it into 4 equal parts.
Colour one part red and two parts blue. Use your model to complete the sentences.

_____ quarter is red.

_____ quarters are blue.

_____ quarters are coloured in.

Show this as a number sentence. $\frac{\square}{4} + \frac{\square}{4} = \frac{\square}{4}$



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

Draw your own models to calculate

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

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?

Reasoning

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.

Problem Solving

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.

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