

Green

1. Work out the answers to these questions:

1) $\frac{3}{7} + \frac{2}{7} =$

2) $\frac{2}{5} + \frac{2}{5} =$

3) $\frac{1}{5} + \frac{3}{5} =$

4) $\frac{2}{6} + \frac{3}{6} =$

5) $\frac{4}{8} + \frac{2}{8} =$

6) $\frac{4}{7} + \frac{3}{7} =$

7) $\frac{6}{9} + \frac{2}{9} =$

8) $\frac{5}{8} + \frac{2}{8} =$

9) $\frac{7}{10} + \frac{2}{10} =$

10) $\frac{5}{12} + \frac{6}{12} =$

11) $\frac{4}{11} + \frac{5}{11} =$

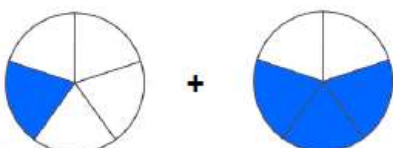
12) $\frac{5}{15} + \frac{8}{15} =$

2.

1a. Complete these equations.



$= \frac{\square}{\square}$

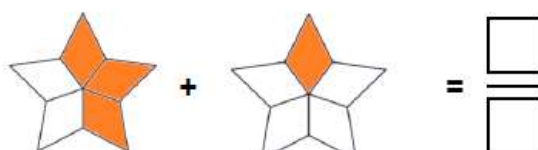


$= \frac{\square}{\square}$

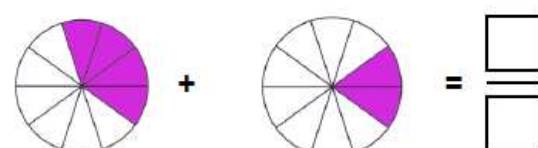


VF

1b. Complete these equations.



$= \frac{\square}{\square}$



$= \frac{\square}{\square}$



VF

2a. Complete this equation.

$$\frac{1}{8} + \frac{\square}{8} = \frac{5}{\square}$$

2b. Complete this equation.

$$\frac{2}{\square} + \frac{\square}{5} = \frac{4}{5}$$

3a. True or false?

$$\frac{3}{7} + \frac{1}{7} = \frac{4}{14}$$



VF

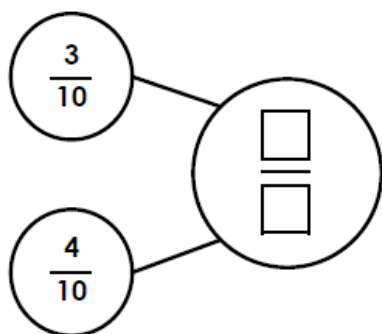
3b. True or false?

$$\frac{6}{9} + \frac{2}{9} = \frac{8}{9}$$

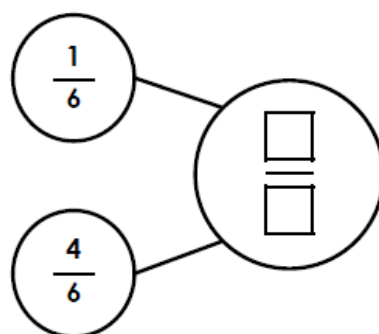


VF

4a. Complete this part whole model.



4b. Complete this part whole model.



Yellow

1.

Try these. Draw some diagrams if that will help you.

a $\frac{1}{5} + \frac{2}{5} = \frac{\boxed{}}{\boxed{}}$

b $\frac{2}{7} + \frac{3}{7} = \frac{\boxed{}}{\boxed{}}$

c $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{\boxed{}}{\boxed{}}$

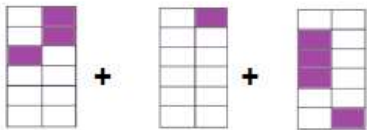
d $\frac{1}{10} + \frac{5}{10} + \frac{1}{10} = \frac{\boxed{}}{\boxed{}}$


2.

Look at the problem $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$. Why does the 4 stay as 4 – why isn't it $\frac{2}{4} + \frac{1}{4} = \frac{3}{8}$?

3.

5a. Complete these equations.


A  = $\frac{\boxed{}}{\boxed{}}$


B  = $\frac{\boxed{}}{\boxed{}}$



VF

5b. Complete these equations.

A  = $\frac{\boxed{}}{\boxed{}}$

B  = $\frac{\boxed{}}{\boxed{}}$



VF

6a. Complete this equation.

$$\frac{2}{9} + \frac{1}{\boxed{}} + \frac{\boxed{}}{9} = \frac{7}{9}$$

6b. Complete this equation.

$$\frac{\boxed{}}{11} + \frac{5}{\boxed{}} + \frac{2}{11} = \frac{8}{11}$$

7a. True or false?

$$\frac{3}{5} + \frac{1}{5} + \frac{1}{5} = \frac{5}{5}$$



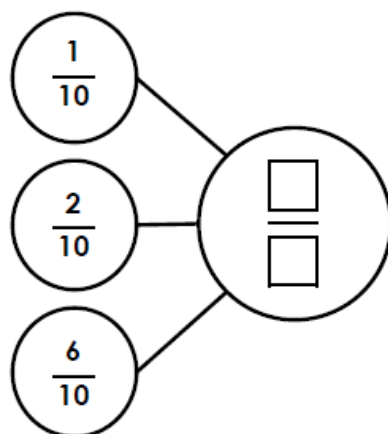
7b. True or false?

$$\frac{3}{8} + \frac{1}{8} + \frac{2}{8} = \frac{7}{8}$$

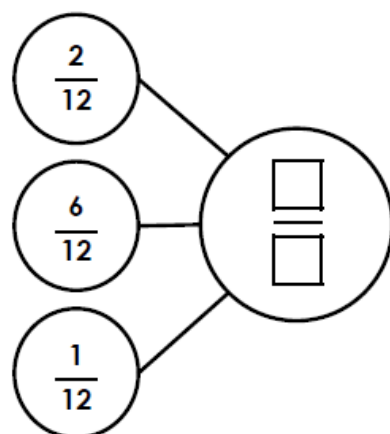


VF

8a. Complete this part whole model.



8b. Complete this part whole model.



Red

1.

4a. Kamir says,



$$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} = \frac{2}{15}$$

Is he correct? Explain why.

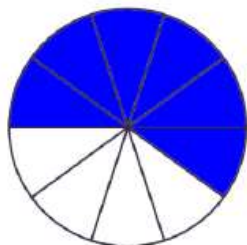
4b. Georgina says,



$$\frac{4}{11} + \frac{5}{11} + \frac{1}{11} = \frac{10}{11}$$

Is she correct? Explain why.

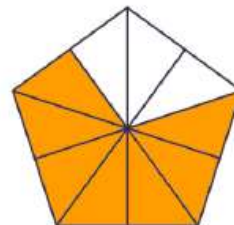
5a. This is the answer.



What fractions could you have added together to get this answer?

Find three possible combinations.

5b. This is the answer.



What fractions could you have added together to get this answer?

Find three possible combinations.

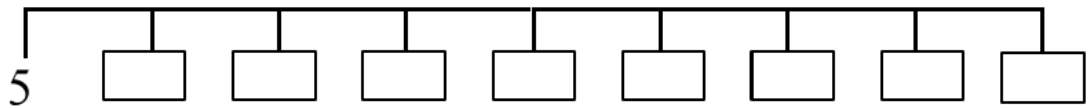
6a. A large pizza has eight slices. Hamish eats three slices, Louisa eats three slices and Matthew eats 1 slice. What fraction of the pizza have they eaten? How do you know?



6b. A chocolate bar has twelve squares. Paula eats five squares; Maurice and Jeremy eat two squares each. What fraction of the chocolate bar have they eaten? How do you know?



2.



Count **forwards** from **5** in **quarters** and write the numbers in the boxes.

3. The total in the middle is $8\frac{4}{5}$. To get the total add the sections on the next two rings together. One has been done for you $5 + 3\frac{4}{5} = 8\frac{4}{5}$ Complete the diagram

