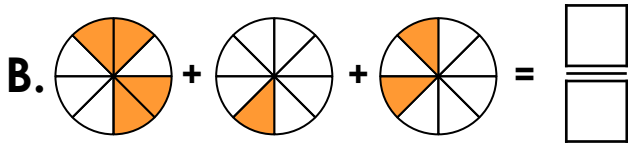
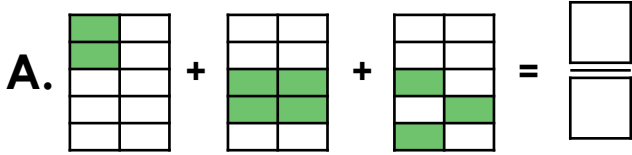


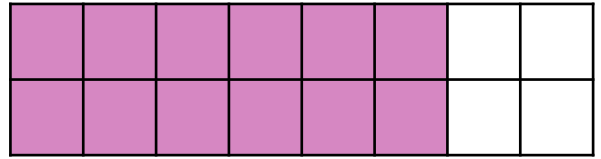
Add 2 or More Fractions

1. Complete the calculations below.



VF

4. The bar model below shows the answer to a calculation.

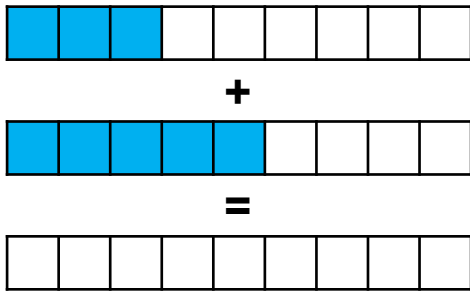


What fractions, with the same denominators, could be added together to get the answer above?

Find three possible combinations.

PS

2. Complete the bar model calculation and then use this to complete the number sentence.



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

VF

5. Joseph has written the calculation below.

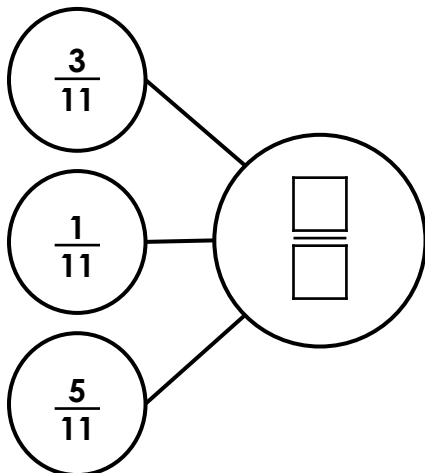


$$\frac{2}{7} + \frac{2}{7} + \frac{2}{7} = \frac{2}{21}$$

Explain the mistake that he has made.

R

3. Complete the part-whole model below.



VF

6. Judith cuts the pie into 14 pieces. James eats 2 pieces; Marie and Adam eat 3 pieces each. Judith eats some pieces herself. There are 3 pieces left.

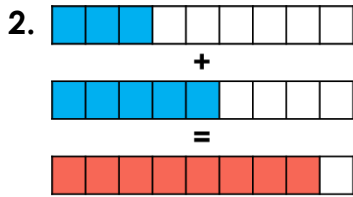


What fraction of the pie did Judith eat?
What fraction of the pie was eaten in total?

PS

Add 2 or More Fractions

1. A. $\frac{9}{10}$ B. $\frac{7}{8}$



$$\frac{3}{9} + \frac{5}{9} = \frac{8}{9}$$

3. $\frac{9}{11}$

4. Various answers, for example: $\frac{5}{16} + \frac{7}{16}$; $\frac{10}{16} + \frac{2}{16}$; $\frac{3}{16} + \frac{4}{16} + \frac{5}{16}$

5. Joseph has added the denominators rather than the numerators. The denominators should not be added but the numerators must be. The correct answer is $\frac{6}{7}$.

6. Judith ate $\frac{3}{14}$ of the pie. $\frac{11}{14}$ of the pie was eaten in total.