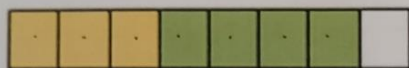


Add 2 or More Fractions

1a. Use the model to complete the following calculation.

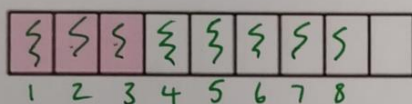
$$\frac{3}{8} + \frac{4}{8} = \frac{\boxed{7}}{\boxed{8}}$$



VF

2a. Complete the calculation below.

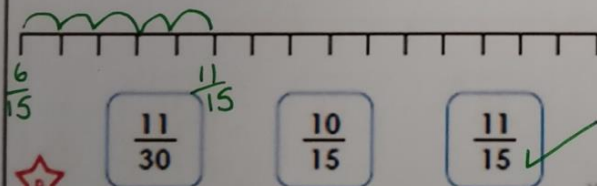
$$\frac{3}{9} + \frac{1}{9} + \frac{4}{9} = \frac{\boxed{8}}{\boxed{9}}$$



VF

3a. Tick the correct answer. Use the empty number line to help you.

$$\frac{6}{15} + \frac{5}{15} = \frac{11}{15}$$



VF

4a. Fill in the missing numbers below.

$$\text{A. } \frac{8}{\boxed{14}} + \frac{4}{14} = \frac{\boxed{7}}{14} + \frac{5}{14} = \frac{\boxed{12}}{14}$$

$$\text{B. } \frac{\boxed{1}}{9} + \frac{6}{9} = \frac{4}{9} + \frac{3}{\boxed{9}} = \frac{\boxed{7}}{\boxed{9}}$$



VF

Add 2 or More Fractions

4a. Use the digit cards to complete the calculations so that they equal $\frac{15}{7}$.

$$\text{A. } \frac{\boxed{7}}{7} + \frac{5}{7} + \frac{\boxed{3}}{7}$$

$$\text{B. } \frac{\boxed{2}}{7} + \frac{\boxed{4}}{7} + \frac{\boxed{9}}{7}$$



PS

5a. Using at least two of the fraction cards, create two addition calculations to equal the target fraction.

$$\frac{8}{5}$$

$$\frac{6}{5}$$



$$\frac{10}{5}$$

$$\frac{2}{5}$$



$$\frac{10}{5} + \frac{6}{5} + \frac{2}{5} = \frac{18}{5}$$

$$\frac{10}{5} + \frac{8}{5} = \frac{18}{5}$$

6a. Chuan and Sam are finding missing numbers in a calculation.

$$\frac{3}{7} + \frac{\boxed{}}{7} + \frac{\boxed{}}{7} = \frac{12}{7}$$



Chuan

$\frac{5}{7}$ and $\frac{4}{7}$ are missing.

$\frac{6}{7}$ and $\frac{3}{7}$ are missing.



Sam

Who is correct? Explain how you know.



Both are correct. Both add up to $\frac{12}{7}$

Subtract 2 Fractions

5a. Use the images below to help you calculate the subtraction.

$$\frac{19}{10} - \frac{7}{10} = \frac{12}{10}$$



VF

6a. Match the correct answer to the calculation.

$$\frac{11}{6} - \frac{9}{6} = \frac{2}{6}$$



A. $\frac{1}{6}$

B. $\frac{2}{6}$

C. $\frac{6}{6}$



VF

7a. Circle the calculation that matches the representation.

$$\frac{14}{8} - \frac{2}{8}$$

$$\frac{15}{9} - \frac{2}{9}$$



VF

8a. Complete the calculations.

A. $\frac{12}{5} - \frac{8}{5} = \frac{4}{5}$



B. $\frac{13}{7} - \frac{11}{7} = \frac{2}{7}$



VF

Subtract 2 Fractions

4a. Rene walks $\frac{7}{5}$ miles to school.

Rabina walks $\frac{4}{5}$ less than Rene.



Rene

Rabina walks $\frac{2}{5}$ of a mile.

Is she correct? Explain your answer.

No, because:
 $\frac{7}{5} - \frac{4}{5} = \frac{3}{5}$



2

5a. Use the digit cards to complete this calculation. You can use each card more than once.



$$\frac{15}{7} - \frac{12}{7} = \frac{3}{7}$$

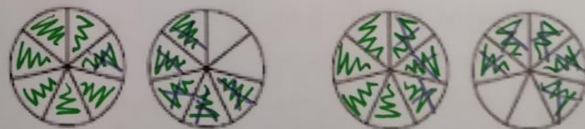


or $\frac{12}{3} - \frac{7}{3} = \frac{5}{3}$ or $\frac{12}{3} - \frac{5}{3} = \frac{7}{3}$

6a. Are these calculations the same? No

$$\frac{12}{7} - \frac{6}{7} = \frac{6}{7}$$

$$\frac{12}{7} - \frac{4}{7} - \frac{4}{7} = \frac{4}{7}$$



Use the shapes to prove your answer.



2