

Name _____

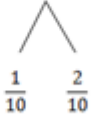
Date _____

1. Show one way to solve each problem. Express sums and differences as a mixed number when possible. Use number bonds when it helps you. Part (a) is partially completed.

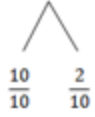
| | | |
|--|---|--|
| <p>a. $\frac{1}{3} + \frac{2}{3} + \frac{1}{3}$</p> <p>$= \frac{3}{3} + \frac{1}{3} = 1 + \frac{1}{3}$</p> <p>$=$ _____</p> | <p>b. $\frac{5}{8} + \frac{5}{8} + \frac{3}{8}$</p> | <p>c. $\frac{4}{6} + \frac{6}{6} + \frac{1}{6}$</p> |
| <p>d. $1\frac{2}{12} - \frac{2}{12} - \frac{1}{12}$</p> | <p>e. $\frac{5}{7} + \frac{1}{7} + \frac{4}{7}$</p> | <p>f. $\frac{4}{10} + \frac{7}{10} + \frac{9}{10}$</p> |
| <p>g. $1 - \frac{3}{10} - \frac{1}{10}$</p> | <p>h. $1\frac{3}{5} - \frac{4}{5} - \frac{1}{5}$</p> | <p>i. $\frac{10}{15} + \frac{7}{15} + \frac{12}{15} + \frac{1}{15}$</p> |

2. Bonnie used two different strategies to solve $\frac{5}{10} + \frac{4}{10} + \frac{3}{10}$.

Bonnie's First Strategy

$$\frac{5}{10} + \frac{4}{10} + \frac{3}{10} = \frac{9}{10} + \frac{3}{10} = \frac{10}{10} + \frac{2}{10} = 1 \frac{2}{10}$$


Bonnie's Second Strategy

$$\frac{5}{10} + \frac{4}{10} + \frac{3}{10} = \frac{12}{10} = 1 + \frac{2}{10} = 1 \frac{2}{10}$$


Which strategy do you like best? Why?

3. You gave one solution for each part of Problem 1. Now, for each problem indicated below, give a different solution method.

1(b) $\frac{5}{8} + \frac{5}{8} + \frac{3}{8}$

1(e) $\frac{5}{7} + \frac{1}{7} + \frac{4}{7}$

1(h) $1 \frac{3}{5} - \frac{4}{5} - \frac{1}{5}$