Name _____ Date _____

1. Solve.

a. $4\frac{1}{3} + \frac{1}{3}$

b. $5\frac{1}{4} + \frac{2}{4}$

c. $\frac{2}{6} + 3\frac{4}{6}$

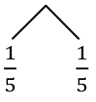
d. $\frac{5}{8} + 7\frac{3}{8}$

2. Complete the number sentences.

a. $3\frac{5}{6} + \_\_\_\_ = 4$	b. $5\frac{3}{7} + \_\_\_ = 6$
c. $5 = 4\frac{1}{8} + \_\_\_\_$	d. $15 = 14\frac{4}{12} + \_\_\_\_$

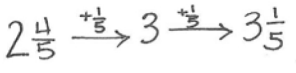
3. Draw a number bond and the arrow way to show how to make one. Solve.

a. $2\frac{4}{5} + \frac{2}{5}$



b. $3\frac{2}{3} + \frac{2}{3}$

c. $4\frac{4}{6} + \frac{5}{6}$



4. Solve.

a. $2\frac{3}{5} + \frac{3}{5}$	b. $3\frac{6}{8} + \frac{4}{8}$
c. $5\frac{4}{6} + \frac{3}{6}$	d. $\frac{7}{10} + 6\frac{6}{10}$
e. $\frac{5}{10} + 8\frac{9}{10}$	f. $7\frac{8}{12} + \frac{11}{12}$
g. $3\frac{90}{100} + \frac{58}{100}$	h. $\frac{60}{100} + 14\frac{79}{100}$

5. To solve $4\frac{8}{10} + \frac{3}{10}$, Carmen thought, "$4\frac{8}{10} + \frac{2}{10} = 5$, and $5 + \frac{1}{10} = 5\frac{1}{10}$."
Benny thought, "$4\frac{8}{10} + \frac{3}{10} = 4\frac{11}{10} = 4 + \frac{10}{10} + \frac{1}{10} = 5\frac{1}{10}$." Explain why Carmen and Benny are both right.

Answer Key

1. a. $4\frac{2}{3}$
   b. $5\frac{3}{4}$
   c. 4
   d. 8

2. a. $\frac{1}{6}$
   b. $\frac{4}{7}$
   c. $\frac{7}{8}$
   d. $\frac{8}{12}$

3. a. Number bond and arrow way used to make one; $3\frac{1}{5}$
   b. Number bond and arrow way used to make one; $4\frac{1}{3}$
   c. Number bond and arrow way used to make one; $5\frac{3}{6}$

4. a. $3\frac{1}{5}$
   b. $4\frac{2}{8}$
   c. $6\frac{1}{6}$
   d. $7\frac{3}{10}$
   e. $9\frac{4}{10}$
   f. $8\frac{7}{12}$
   g. $4\frac{48}{100}$
   h. $15\frac{39}{100}$

5. Explanations will vary.