Name ______

Date

1. Use the following three fractions to write two subtraction and two addition number sentences.

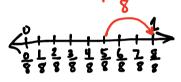
a.
$$\frac{5}{6}$$
, $\frac{4}{6}$, $\frac{9}{6}$

b.
$$\frac{5}{9}$$
, $\frac{13}{9}$, $\frac{8}{9}$

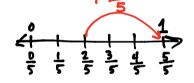
2. Solve. Model each subtraction problem with a number line, and solve by both counting up and

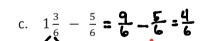
subtracting.

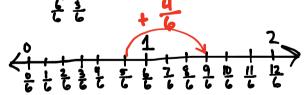
a.
$$1 - \frac{5}{9}$$



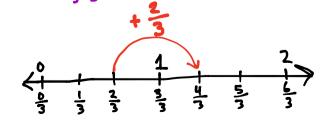
b. $1 - \frac{2}{5}$



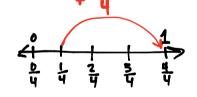




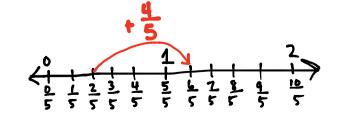
e. $1\frac{1}{3} - \frac{2}{3} = \frac{4}{3} - \frac{2}{3} = \frac{2}{3}$



d. $1 - \frac{1}{4}$



f. $1\frac{1}{5} - \frac{2}{5} = \frac{4}{5} = \frac{4}{5}$



3. Find the difference in two ways. Use number bonds to decompose the total. Part (a) has been completed for vou.

a.
$$1\frac{2}{5} - \frac{4}{5}$$

$$\frac{5}{5} + \frac{2}{5} = \frac{7}{5}$$
$$\frac{7}{5} - \frac{4}{5} = \frac{3}{5}$$

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

b.
$$1\frac{3}{8} - \frac{7}{8}$$

$$\frac{9}{8} + \frac{3}{8} = \frac{11}{8}$$

$$\frac{11}{8} - \frac{7}{8} = \frac{4}{8}$$

$$\frac{8}{8} - \frac{7}{8} = \frac{1}{8}$$

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

c.
$$1\frac{1}{4} - \frac{3}{4}$$
 $\frac{4}{4} + \frac{1}{4} = \frac{5}{4}$ $\frac{5}{4} - \frac{3}{4} = \frac{2}{4}$

d.
$$1\frac{2}{7} - \frac{5}{7}$$

d.
$$1\frac{2}{7} - \frac{5}{7}$$
 $\frac{7}{7} = \frac{9}{7}$ $\frac{9}{7} - \frac{5}{7} = \frac{4}{7}$

e.
$$1\frac{3}{10} - \frac{7}{10}$$
 $\frac{10}{10} + \frac{3}{10} = \frac{13}{10}$ $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$ $\frac{13}{10} - \frac{7}{10} = \frac{6}{10}$ $\frac{3}{10} + \frac{3}{10} = \frac{6}{10}$

$$\frac{10}{10} + \frac{3}{10} = \frac{13}{10}$$

$$\frac{13}{10} - \frac{7}{10} = \frac{6}{10}$$

$$\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$$

$$\frac{3}{10} + \frac{3}{10} = \frac{6}{10}$$