

Name _____

Date _____

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

<p>a. $\frac{5}{6}, \frac{4}{6}, \frac{9}{6}$</p> $\frac{5}{6} + \frac{4}{6} = \frac{9}{6}$ $\frac{4}{6} + \frac{5}{6} = \frac{9}{6}$ $\frac{9}{6} - \frac{5}{6} = \frac{4}{6}$ $\frac{9}{6} - \frac{4}{6} = \frac{5}{6}$	<p>b. $\frac{5}{9}, \frac{13}{9}, \frac{8}{9}$</p> $\frac{5}{9} + \frac{8}{9} = \frac{13}{9}$ $\frac{8}{9} + \frac{5}{9} = \frac{13}{9}$ $\frac{13}{9} - \frac{8}{9} = \frac{5}{9}$ $\frac{13}{9} - \frac{5}{9} = \frac{8}{9}$
--	---

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

a. $1 - \frac{5}{8}$

$$\frac{8}{8} - \frac{5}{8} = \frac{3}{8}$$

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

$$\frac{5}{5} - \frac{2}{5} = \frac{3}{5}$$

c. $1\frac{3}{6} - \frac{5}{6} = \frac{9}{6} - \frac{5}{6} = \frac{4}{6}$

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

$$\frac{4}{4} - \frac{1}{4} = \frac{3}{4}$$

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

f. $1\frac{1}{5} - \frac{2}{5} = \frac{6}{5} - \frac{2}{5} = \frac{4}{5}$

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

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

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

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

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

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

c. $1\frac{1}{4} - \frac{3}{4}$

$$\frac{4}{4} + \frac{1}{4} = \frac{5}{4}$$

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

$$\frac{4}{4} - \frac{3}{4} = \frac{1}{4}$$

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

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

$$\frac{7}{7} + \frac{2}{7} = \frac{9}{7}$$

$$\frac{9}{7} - \frac{5}{7} = \frac{4}{7}$$

$$\frac{7}{7} - \frac{5}{7} = \frac{2}{7}$$

$$\frac{2}{7} + \frac{2}{7} = \frac{4}{7}$$

e. $1\frac{3}{10} - \frac{7}{10}$

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

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

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

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