

Name _____

Date _____

1. Write a related addition sentence. Subtract by counting on. Use a number line or the arrow way to help. The first one has been partially done for you.

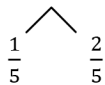
a. $3\frac{2}{5} - 1\frac{4}{5} = \underline{\hspace{2cm}}$

$$1\frac{4}{5} + \underline{\hspace{2cm}} = 3\frac{2}{5}$$

b. $5\frac{3}{8} - 2\frac{5}{8}$

2. Subtract, as shown in Problem 2(a) below, by decomposing the fractional part of the number you are subtracting. Use a number line or the arrow way to help you.

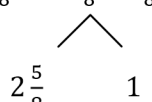
a. $4\frac{1}{5} - 1\frac{3}{5} = 3\frac{1}{5} - \frac{3}{5} = 2\frac{3}{5}$



b. $4\frac{1}{7} - 2\frac{4}{7}$

c. $5\frac{5}{12} - 3\frac{8}{12}$

2. Subtract, as shown in 3(a) below, by decomposing to take one out.

$$\text{a. } 5\frac{5}{8} - 2\frac{7}{8} = 3\frac{5}{8} - \frac{7}{8} =$$

$$2\frac{5}{8} \quad 1$$

$$\text{b. } 4\frac{3}{12} - 3\frac{8}{12}$$

$$\text{c. } 9\frac{1}{10} - 6\frac{9}{10}$$

3. Solve using any strategy.

$$\text{a. } 6\frac{1}{9} - 4\frac{3}{9}$$

$$\text{b. } 5\frac{3}{10} - 3\frac{6}{10}$$

$$\text{c. } 8\frac{7}{12} - 5\frac{9}{12}$$

$$\text{d. } 7\frac{4}{100} - 2\frac{92}{100}$$

Answer key

1. a. $1\frac{3}{5}, 1\frac{3}{5}$
b. $2\frac{6}{8}, 2\frac{6}{8} + 2\frac{5}{8} = 5\frac{3}{8}$ or $2\frac{5}{8} + 2\frac{6}{8} = 5\frac{3}{8}$
2. a. Answer provided
b. $1\frac{4}{7}; \frac{4}{7}$ decomposed as $\frac{1}{7}$ and $\frac{3}{7}$
c. $1\frac{9}{12}; \frac{8}{12}$ decomposed as $\frac{5}{12}$ and $\frac{3}{12}$
3. a. $2\frac{6}{8}$
b. $\frac{7}{12}; 1\frac{3}{12}$ decomposed as $\frac{3}{12}$ and 1
c. $2\frac{2}{10}; 3\frac{1}{10}$ decomposed as $2\frac{1}{10}$ and 1
4. a. $1\frac{7}{9}$
b. $1\frac{7}{10}$
c. $2\frac{10}{12}$
d. $4\frac{12}{100}$