Name _____ Date _____

1. Subtract. Model with a number line or the arrow way.

a. $6\frac{3}{5} - \frac{1}{5}$

b. $4\frac{9}{12} - \frac{7}{12}$

c. $7\frac{1}{4} - \frac{3}{4}$

d. $8\frac{3}{8} - \frac{5}{8}$

2. Use decomposition to subtract the fractions. Model with a number line or the arrow way.

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

$\frac{2}{5}$ $\frac{2}{5}$

b. $2\frac{1}{3} - \frac{2}{3}$

c. $4\frac{1}{6} - \frac{4}{6}$

d. $3\frac{3}{6} - \frac{5}{6}$

e. $9\frac{3}{8} - \frac{7}{8}$

f. $7\frac{1}{10} - \frac{6}{10}$

g. $10\frac{1}{8} - \frac{5}{8}$

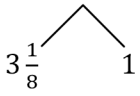
h. $9\frac{4}{12} - \frac{7}{12}$

i. $11\frac{3}{5} - \frac{4}{5}$

j. $17\frac{1}{9} - \frac{5}{9}$

3. Decompose the total to subtract the fractions.

a. $4\frac{1}{8} - \frac{3}{8} = 3\frac{1}{8} + \frac{5}{8} = 3\frac{6}{8}$



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

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

d. $3\frac{3}{9} - \frac{4}{9}$

e. $6\frac{3}{10} - \frac{7}{10}$

f. $2\frac{5}{9} - \frac{8}{9}$

Answer Key

1. a. $6\frac{2}{5}$; number line or arrow way drawn
   b. $4\frac{2}{12}$; number line or arrow way drawn
   c. $6\frac{2}{4}$; number line or arrow way drawn
   d. $7\frac{6}{8}$; number line or arrow way drawn
2. a. $1\frac{3}{5}$; number line or arrow way drawn
   b. $1\frac{2}{3}$; number line or arrow way drawn
   c. $3\frac{3}{6}$; number line or arrow way drawn
   d. $2\frac{4}{6}$; number line or arrow way drawn
   e. $8\frac{4}{8}$; number line or arrow way drawn
   f. $6\frac{5}{10}$; number line or arrow way drawn
   g. $9\frac{4}{8}$; number line or arrow way drawn
   h. $8\frac{9}{12}$; number line or arrow way drawn
   i. $10\frac{4}{5}$; number line or arrow way drawn
   j. $16\frac{5}{9}$; number line or arrow way drawn
3. a. Answer provided
   b. $4\frac{4}{5}$; total decomposed as $4\frac{2}{5}$ and 1
   c. $6\frac{6}{8}$; total decomposed as $6\frac{1}{8}$ and 1
   d. $2\frac{8}{9}$; total decomposed as $2\frac{3}{9}$ and 1
   e. $5\frac{6}{10}$; total decomposed as $5\frac{3}{10}$ and 1
   f. $1\frac{6}{9}$; total decomposed as $1\frac{5}{9}$ and 1