

Name Jack

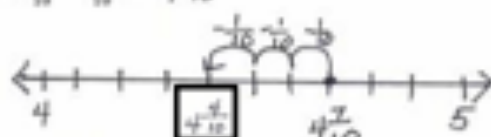
Date \_\_\_\_\_

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

a.  $3\frac{1}{4} - \frac{1}{4} = 3\frac{0}{4}$



b.  $4\frac{7}{10} - \frac{3}{10} = 4\frac{4}{10}$



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

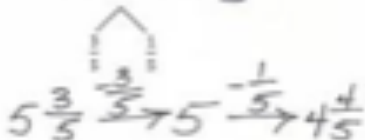
$5\frac{1}{3} \xrightarrow{-\frac{1}{3}} 5 \xrightarrow{-\frac{1}{3}} 4\frac{2}{3}$

d.  $9\frac{1}{5} - \frac{1}{5} = 8\frac{4}{5}$

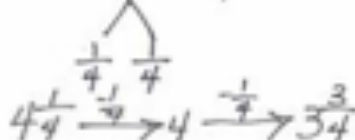
$9\frac{1}{5} \xrightarrow{-\frac{1}{5}} 9 \xrightarrow{-\frac{1}{5}} 8\frac{4}{5}$

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

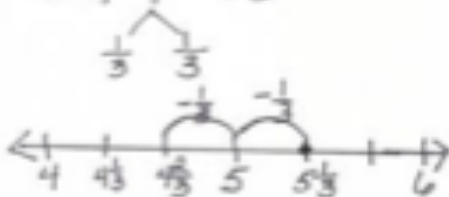
1.  $5\frac{3}{5} - \frac{1}{5} = 4\frac{4}{5}$



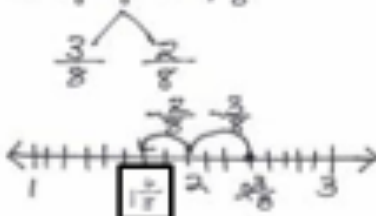
2.  $4\frac{1}{4} - \frac{1}{4} = 3\frac{3}{4}$



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



4.  $2\frac{3}{8} - \frac{1}{8} = 1\frac{6}{8}$



3. Decompose the total to subtract the fractions.

a.  $3\frac{1}{8} - \frac{2}{8} = 2\frac{1}{8} + \frac{1}{8} = 2\frac{2}{8}$

$$2\frac{1}{8} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

b.  $5\frac{1}{8} - \frac{7}{8} = 4\frac{1}{8} + \frac{1}{8} = 4\frac{2}{8}$

$$4\frac{1}{8} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

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

$$4\frac{3}{5} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

d.  $5\frac{4}{6} - \frac{1}{6} = 4\frac{4}{6} + \frac{1}{6} = 4\frac{5}{6}$

$$4\frac{4}{6} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

e.  $6\frac{1}{12} - \frac{7}{12} = 5\frac{4}{12} + \frac{5}{12} = 5\frac{9}{12}$

$$5\frac{4}{12} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

f.  $9\frac{1}{8} - \frac{3}{8} = 8\frac{1}{8} + \frac{3}{8} = 8\frac{4}{8}$

$$8\frac{1}{8} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

g.  $7\frac{1}{6} - \frac{5}{6} = 6\frac{1}{6} + \frac{1}{6} = 6\frac{2}{6}$

$$6\frac{1}{6} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

h.  $8\frac{3}{10} - \frac{4}{10} = 7\frac{3}{10} + \frac{6}{10} = 7\frac{9}{10}$

$$7\frac{3}{10} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

i.  $12\frac{2}{5} - \frac{3}{5} = 11\frac{3}{5} + \frac{1}{5} = 11\frac{4}{5}$

$$11\frac{3}{5} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$

j.  $11\frac{1}{6} - \frac{5}{6} = 10\frac{2}{6} + \frac{1}{6} = 10\frac{3}{6}$

$$10\frac{2}{6} \begin{array}{l} \diagup \\ \diagdown \end{array} \begin{array}{l} 1 \\ \end{array}$$