Name

Date

 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.



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.





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

a.
$$5\frac{5}{8} - 2\frac{7}{8} = 3\frac{5}{8} - \frac{7}{8} = 2\frac{5}{8} + \frac{1}{8} = 2\frac{6}{8}$$

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

b.
$$4\frac{3}{12} - 3\frac{8}{12} = |\frac{3}{12} - \frac{8}{12} = \frac{3}{12} + \frac{4}{12} = \frac{7}{12}$$

 $3\frac{3}{12}|$

c.
$$9\frac{1}{10} - 6\frac{9}{10} = 3\frac{1}{10} - \frac{9}{10} = 2\frac{1}{10} + \frac{1}{10} = 2\frac{2}{10}$$

 1
 $2\frac{1}{10}$

3. Solve using any strategy.

a.
$$6\frac{1}{9} - 4\frac{3}{9} = 2\frac{1}{9} - \frac{3}{9} = [\frac{7}{9}]$$

b. $5\frac{3}{10} - 3\frac{6}{10} = 2\frac{3}{10} - \frac{6}{10} = [\frac{3}{10} + \frac{4}{10} = [\frac{7}{10}]$
 $2\frac{1}{9} - \frac{7}{9} - \frac{7}{12} - \frac{7}{9} - \frac{7}{12} = 2\frac{7}{12} + \frac{3}{12}$
c. $8\frac{7}{12} - 5\frac{9}{12} = 3\frac{7}{12} - \frac{9}{12} = 2\frac{7}{12} + \frac{3}{12}$
 $2\frac{10}{12} - \frac{7}{12} - \frac{9}{12} = 2\frac{7}{12} + \frac{3}{12}$
d. $7\frac{4}{100} - 2\frac{92}{100} = 5\frac{4}{100} - \frac{92}{100} = 4\frac{44}{100} + \frac{8}{100}$
 $4\frac{1}{100} - 2\frac{92}{100} = -\frac{4}{100} - \frac{4}{100} = 4\frac{17}{100}$

