Name _____   Date _____

1. Draw a tape diagram to match each number sentence. Then, complete the number sentence.

   a. $2 + \frac{1}{4} =$ _____

   b. $3 + \frac{2}{3} =$ _____

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

   d. $3 - \frac{3}{4} =$ _____

2. Use the following three numbers to write two subtraction and two addition number sentences.
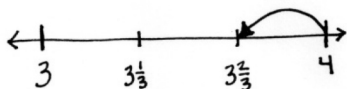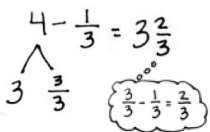
   a. $4, \ 4\frac{5}{8}, \frac{5}{8}$

   b. $\frac{2}{7}, \ 5\frac{5}{7}, \ 6$

3. Solve using a number bond. Draw a number line to represent each number sentence. The first one has been done for you.

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

   b. $8 - \frac{5}{6} =$ _____

c. $7 - \frac{4}{5} =$ _____

d. $3 - \frac{3}{10} =$ _____

4. Complete the subtraction sentences using number bonds.

a. $6 - \frac{1}{4} =$ _____

b. $7 - \frac{2}{10} =$ _____

c. $5 - \frac{5}{6} =$ _____

d. $6 - \frac{6}{8} =$ _____

e. $3 - \frac{7}{8} =$ _____

f. $26 - \frac{7}{10} =$ _____

Answer Key

1. a. Tape diagram drawn; $2\frac{1}{4}$

   b. Tape diagram drawn; $3\frac{2}{3}$

   c. Tape diagram drawn; $1\frac{4}{5}$

   d. Tape diagram drawn; $2\frac{1}{4}$

2. a. $4\frac{5}{8} - \frac{5}{8} = 4$, $4\frac{5}{8} - 4 = \frac{5}{8}$, $4 + \frac{5}{8} = 4\frac{5}{8}$, $\frac{5}{8} + 4 = 4\frac{5}{8}$

   b. $6 - \frac{2}{7} = 5\frac{5}{7}$, $6 - 5\frac{5}{7} = \frac{2}{7}$, $5\frac{5}{7} + \frac{2}{7} = 6$, $\frac{2}{7} + 5\frac{5}{7} = 6$

3. a. Answer provided

   b. $7\frac{1}{6}$; number bond shows 8 as 7 and $\frac{6}{6}$; number line drawn

   c. $6\frac{1}{5}$; number bond shows 7 as 6 and $\frac{5}{5}$; number line drawn

   d. $2\frac{7}{10}$; number bond shows 3 as 2 and $\frac{10}{10}$; number line drawn

4. a. $5\frac{3}{4}$; number bond shows 6 as 5 and $\frac{4}{4}$

   b. $6\frac{8}{10}$; number bond shows 7 as 6 and $\frac{10}{10}$

   c. $4\frac{1}{6}$; number bond shows 5 as 4 and $\frac{6}{6}$

   d. $5\frac{2}{8}$; number bond shows 6 as 5 and $\frac{8}{8}$

   e. $2\frac{1}{8}$; number bond shows 3 as 2 and $\frac{8}{8}$

   f. $25\frac{3}{10}$; number bond shows 26 as 25 and $\frac{10}{10}$