

Name Jack

Date \_\_\_\_\_

1. Solve.

a. 3 fifths - 1 fifth = 2 fifths

b. 5 fifths - 3 fifths = 2 fifths

c. 3 halves - 2 halves = 1 half

d. 6 fourths - 3 fourths = 3 fourths

2. Solve.

a.  $\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$

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

c.  $\frac{3}{10} - \frac{3}{10} = \frac{0}{10}$

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

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

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

3. Solve. Use a number bond to show how to convert the difference to a mixed number. Problem 3a has been completed for you.

$$a. \frac{12}{8} - \frac{3}{8} = \frac{9}{8} = 1\frac{1}{8}$$

$$b. \frac{12}{6} - \frac{5}{6} = \frac{7}{6} = 1\frac{1}{6}$$

$$c. \frac{9}{5} - \frac{3}{5} = \frac{6}{5} = 1\frac{1}{5}$$

$$d. \frac{14}{8} - \frac{3}{8} = \frac{11}{8} = 1\frac{3}{8}$$

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

$$f. \frac{15}{10} - \frac{3}{10} = \frac{12}{10} = 1\frac{2}{10}$$

4. Solve. Write the sum in unit form.

a. 2 fourths + 1 fourth = 3 fourths

b. 4 fifths + 3 fifths = 7 fifths

5. Solve.

a.  $\frac{2}{8} + \frac{5}{8} = \frac{7}{8}$

b.  $\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$

6. Solve. Use a number bond to decompose the sum. Record your final answer as a mixed number. Problem (a) has been completed for you.

a.  $\frac{3}{5} + \frac{4}{5} = \frac{7}{5} = 1\frac{2}{5}$

b.  $\frac{4}{4} + \frac{3}{4} = \frac{7}{4} = 1\frac{3}{4}$

c.  $\frac{6}{9} + \frac{6}{9} = \frac{12}{9} = 1\frac{3}{9}$

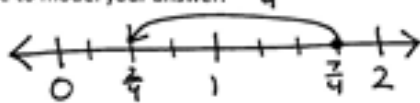
d.  $\frac{7}{10} + \frac{6}{10} = \frac{13}{10} = 1\frac{3}{10}$

e.  $\frac{5}{6} + \frac{7}{6} = \frac{12}{6} = 2$

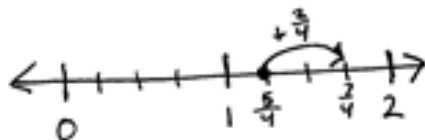
f.  $\frac{9}{8} + \frac{5}{8} = \frac{14}{8} = 1\frac{6}{8}$

7. Solve. Then use a number line to model your answer.  $-\frac{5}{4}$

a.  $\frac{7}{4} - \frac{5}{4} = \frac{2}{4}$



b.  $\frac{5}{4} + \frac{3}{4} = \frac{8}{4}$



COMMON CORE

Lesson 16:  
Date:

Use visual models to add and subtract two fractions with same units.  
11/14/13

engage<sup>ny</sup>

5.D.9