

Name: Class:

Add and subtract fractions with the same denominator

Add or subtract the following fractions. (follow the example).

a. Add and simplify your answer as much as possible.

$$\frac{3}{4} + \frac{2}{4} = \frac{3+2}{4} =$$

b. Subtract.

$$\frac{7}{8} - \frac{6}{8} =$$

c. Add and simplify your answer as much as possible.

$$\frac{7}{10} + \frac{9}{10} =$$

d. Subtract.

$$\frac{13}{7} - \frac{9}{7} =$$

e. Subtract and simplify your answer as much as possible.

$$\frac{17}{5} - \frac{4}{5} =$$

f. Add.

$$\frac{8}{15} + \frac{2}{15} + \frac{3}{15} =$$

Name: Class:

Add and subtract fractions with the same denominator

Add or subtract the following fractions. (follow the example).

a. Add and simplify your answer as much as possible.

$$\frac{3}{4} + \frac{2}{4} = \frac{3+2}{4} = \frac{5}{4}$$

$$4 \begin{array}{r} 1 \\ 5 \\ -4 \\ \hline 1 \end{array}$$

Therefore, $\frac{3}{4} + \frac{2}{4} = 1\frac{1}{4}$

b. Subtract.

$$\frac{7}{8} - \frac{6}{8} = \frac{7-6}{8} = \frac{1}{8}$$

Therefore, $\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$

c. Add and simplify your answer as much as possible.

$$\frac{7}{10} + \frac{9}{10} = \frac{7+9}{10} = \frac{\cancel{16}}{\cancel{10}} = \frac{8}{5}$$

$$5 \begin{array}{r} 1 \\ 8 \\ -5 \\ \hline 3 \end{array}$$

Therefore, $\frac{7}{10} + \frac{9}{10} = 1\frac{3}{5}$

d. Subtract.

$$\frac{13}{7} - \frac{9}{7} = \frac{13-9}{7} = \frac{4}{7}$$

Therefore, $\frac{13}{7} - \frac{9}{7} = \frac{4}{7}$

e. Subtract and simplify your answer as much as possible.

$$\frac{17}{5} - \frac{4}{5} = \frac{17-4}{5} = \frac{13}{5}$$

$$5 \begin{array}{r} 2 \\ 13 \\ -10 \\ \hline 3 \end{array}$$

Therefore, $\frac{17}{5} - \frac{4}{5} = 2\frac{3}{5}$

f. Add.

$$\frac{8}{15} + \frac{2}{15} + \frac{3}{15} = \frac{8+2+3}{15} = \frac{13}{15}$$

Therefore, $\frac{8}{15} + \frac{2}{15} + \frac{3}{15} = \frac{13}{15}$