

1.6

Adding and Subtracting Fractions

Review

Find the LCM of the following numbers:

1) 6 and 8

2) 15 and 10

Making Equivalent Fractions

3) $\frac{3}{4} = \frac{\quad}{16}$

4) $\frac{5}{7} = \frac{\quad}{21}$

Making Equivalent Fractions

$$5) \frac{2}{9} = \frac{\quad}{45}$$

$$6) \frac{3}{14} = \frac{\quad}{28}$$

$$7) \frac{6}{9} = \frac{\quad}{36}$$

$$8) \frac{5}{8} = \frac{\quad}{64}$$

Practice

Compare the following:

$$9) \frac{7}{10} \bigcirc \frac{3}{4}$$

$$10) \frac{5}{6} \bigcirc \frac{7}{8}$$

Practice

Compare the following:

$$11) \frac{2}{9} \bigcirc \frac{1}{6}$$

$$12) \frac{3}{7} \bigcirc \frac{3}{8}$$

$$13) \frac{2}{3} \bigcirc \frac{4}{5}$$

$$14) \frac{17}{20} \bigcirc \frac{11}{15}$$

Simplifying Fractions

Put the fractions in simplest terms.

$$1) \quad \frac{12}{15}$$

$$3) \quad \frac{36}{72}$$

$$2) \quad \frac{18}{60}$$

Improper Fractions and Mixed Numbers

Convert the following mixed numbers into improper fractions

4) $5 \frac{3}{4}$

5) $3 \frac{5}{7}$

Improper Fractions and Mixed Numbers

Convert the following improper fractions into mixed numbers.

$$6) \quad \frac{9}{4}$$

$$7) \quad \frac{15}{6}$$

Do you know?

In order to add or subtract fractions, you need a

_____.

**You should always _____
your fractions.**

Add. & Sub. Fractions & MN Review

$$1) \quad \frac{1}{8} + \frac{3}{8}$$

$$2) \quad \frac{4}{7} + \frac{5}{7}$$

Add. & Sub. Fractions & MN Review

$$3) \quad \frac{3}{4} + \frac{5}{8}$$

$$4) \quad \frac{5}{6} + \frac{1}{4}$$

Add. & Sub. Fractions & MN Review

$$5) \quad \frac{5}{8} - \frac{1}{4}$$

$$6) \quad \frac{7}{12} - \frac{5}{18}$$

“Improper” Mixed Numbers

$$7) \quad 5 \frac{5}{3}$$

$$8) \quad 2 \frac{9}{4}$$

Add. & Sub. Fractions & MN Review

$$9) \quad 5\frac{1}{3} + 6\frac{2}{5}$$

$$10) \quad 2\frac{2}{3} + 2\frac{1}{2}$$

Add. & Sub. Fractions & MN Review

$$11) \quad \frac{7}{10} - \frac{3}{10}$$

$$12) \quad 9\frac{5}{7} - 3\frac{1}{2} =$$

Practice

$$1) \quad 2\frac{2}{5} + 1\frac{4}{5} =$$

$$2) \quad 8\frac{1}{3} + 4\frac{1}{6} =$$

Practice

$$3) \quad 4\frac{3}{4} - 2\frac{3}{10} =$$

Borrowing (Regrouping)

$$a) \quad 9 = \frac{3}{3}$$

$$b) \quad 5 = \frac{7}{7}$$

$$c) \quad 3 = \frac{2}{2}$$

Borrowing (Regrouping)

$$d) \quad 8 \frac{3}{4} = \frac{\quad}{4}$$

Borrowing (Regrouping)

$$e) \quad 5 \frac{2}{3} = \frac{\quad}{3}$$

Borrowing (Regrouping)

$$f) \quad 6\frac{5}{7} = \frac{\quad}{7}$$

Borrowing (Regrouping)

$$g) \quad 14\frac{2}{9} = \frac{\quad}{9}$$

$$1) \quad 4 - 2\frac{1}{6}$$

$$2) \quad 6\frac{1}{6} - 3\frac{1}{4}$$