Red Belt
Warm-Up
Wednesday October 26, 2005

1. Reduce to lowest terms:

$$\frac{70}{245} =$$

2. Now write the fraction in #1 as a decimal.

3. Make the following improper fractions into mixed numbers:

$$\frac{37}{14} = \qquad\qquad\qquad\qquad \frac{123}{7} =$$

4. Addition or subtraction of fractions.

$$\frac{4}{9} + \frac{5}{6} = \qquad\qquad\qquad\qquad \frac{7}{10} - \frac{3}{8} =$$

$$\frac{5}{8} + \frac{3}{4} - \frac{5}{6} = \qquad\qquad\qquad\qquad 6\frac{1}{6} - 1\frac{3}{4} =$$

$$4\frac{7}{10} + 1\frac{7}{15} - 2\frac{5}{6} =$$

5. Multiplication and division of fractions.

$$\frac{3}{8} \times \frac{5}{7} =$$

$$2\frac{2}{3} \times \frac{5}{14} =$$

$$2\frac{1}{3} \times 3\frac{1}{2} =$$

$$3\frac{1}{2} \div \frac{3}{4} =$$

$$\frac{24}{55} \div \frac{8}{11} =$$

$$1\frac{4}{13} \times 7\frac{4}{5} \div 11\frac{1}{3} =$$