

Beginning Algebra ~ Lesson 2

Work the following examples as you listen to the recorded lecture.

Fractions and Mixed Numbers

Write each number as a factor of primes:

Example 1: $60 =$

Example 2: $56 =$

Reduce to lowest terms:

Example 3: $\frac{15}{20} =$

Example 4: $\frac{42}{45} =$

Multiply or divide:

Example 5: $\frac{7}{8} \cdot \frac{3}{21} =$

Example 6: $\frac{3}{5} \div \frac{9}{10} =$

Add or subtract:

Example 7: $-\frac{16}{35} + \frac{1}{35} =$

Example 8: $\frac{4}{15} - \frac{1}{12} =$

Perform the indicated operation:

Example 9: $8\frac{3}{5} \div 2\frac{9}{10} =$

Example 10: $4\frac{7}{8} - 2\frac{3}{16} =$

Example 11: $17\frac{2}{5} + 30\frac{2}{3} =$

Example 12: $2\frac{1}{4} \cdot 3\frac{2}{3} =$