

## **Lowest Common Denominator**

## METHOD 1 - Prime Factoring

Find the LCD for the following fractions:

$$\frac{1}{12} \qquad \frac{1}{15}$$

• Find the prime factors for each denominator.

- · List the factors in chart form.
- · Bring factors down, and then multiply.

• The LCD is 60

## **METHOD 2 – Least Common Multiple**

Find the LCD for the following fractions:

$$\frac{1}{12} \qquad \frac{1}{15}$$

• List the multiples of each denominator.

- Choose the smallest multiple that is common to both denominators.
- The LCD is 60