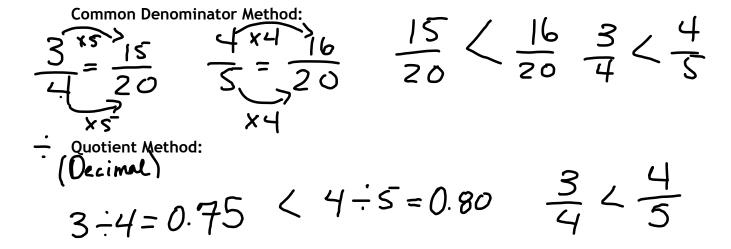
## Comparing Ratios and Rates

• When comparing two ratios or two rates, you must compare them using a **common denominator** or their **decimal representation**.

## **Examples:**

## 3:4 and 4:5



Comparing two rates requires expressing them in the same units.

## equal

Two rates or ratios are equivalent if they have the same decimal representation. 3:4=0.75 6:80.75 3:4=6:8

We obtain an equivalent ratio by multiplying or dividing the first term and the second term of the ratio by the same non-zero number.