Notes on

Ratios and Unit Rate

**Ratio**: This is comparison of two quantities.

A ratio can be written *three ways:*

 **Example: For every 3 boys there are 5 girls in the grade.**

**3 to 5 3:5 **

**Rate:** compares quantities measured in different units.

**Example: I drove 350 miles on 70 gallons of gas. The rate is:**

 **350 miles**

 **70 gallons**

A rate is not necessarily useful in that form, sometimes it is more useful to find a **unit rate**. *Unit means one.* So, a **unit rate** is the rate of **one unit** of a given quantity.

**For example: The unit rate of **