**Multiplication Assessment Study Guide**

*Test on Thursday 11/16*

**You should be able to:**

* Write and interpret powers of 10 and solve multiplication problems using powers of 10.

 *Ex: What is 1,000 written as a power of 10?*

 *Solve: 5.2 x* $10^{5}$

* Estimate the product of multiplication equations

*Ex: the product of 58 x 115 should be around 6,000 (60 x 100)*

* Solve multiplication equations with and without decimals up to 3 digit x 3 digit using the traditional algorithm.
* Solve multiplication equations with two factors that are less than one *(ex. 0.7 x 0.9)*
* Solve multi-step word problems
* Interpret models for multiplication *(ex. area model, repeated addition etc.)*