Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Teacher Signature:

Tutorial:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/5

Points for number of attempts:\_\_\_\_\_\_\_\_\_\_\_\_\_\_/10

**Tutorial – Chemical Reactions –** [**www.chemthink.com**](http://www.chemthink.com)

1. In the first part of this tutorial it asks you to take “pictures” of three different reactions and then gives you a summary page showing all six pictures. Based on your knowledge from yesterday, classify the three reactions as synthesis, decomposition, single replacement or double replacement:
	1. Reaction 1 –
	2. Reaction 2 –
	3. Reaction 3 –
2. Next it will ask you take snapshots of hydrogen and oxygen forming water, why is this first attempt wrong? How do you “fix” it to become right? Why?
3. Define the Law of Conservation of Mass:
4. When you are balancing a chemical equation, what are you actually changing?
5. BEFORE YOU CLOSE the “SUMMARY” PAGE, raise your hand and I will sign this sheet (just saves me an extra step looking it up later
6. Move on to the questions page, keep in mind it will make you restart (with different questions) every time you miss 3 questions… so work carefully through. Sometimes there is more than one another (ex. More than one box to check). When you are finished it will show me how many attempts you made. If you are repeatedly missing questions, go back and do the tutorial again. See the grade scale below to see how you will be graded.

**Questions Attempt:**

0-5 attempts to completion 10 points

6-10 attempts to completion 5 points

11+ attempts to completion 2 points