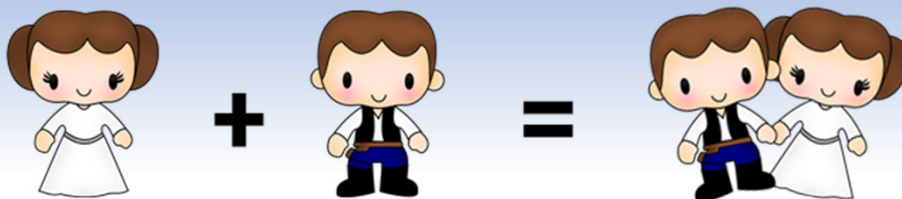


Balancing Equations

- You remember these rules...
 - Leave lone elements to the last
 - Typically leave H and O to the last
 - Keep track of elements balanced
 - Remove all fractions
- But there are some other things that **you have** learned
 - If things do not balance, start over
 - When starting balancing, look for the most complicated molecule to start with
 - When possible, keep the *polyatomics* as *polyatomics*
 - For example on the test... keep the phosphate together as a polyatomic. It makes the problem much MUCH easier.

1

COMBINATION



types of equations

2

DECOMPOSITION



types of equations

3

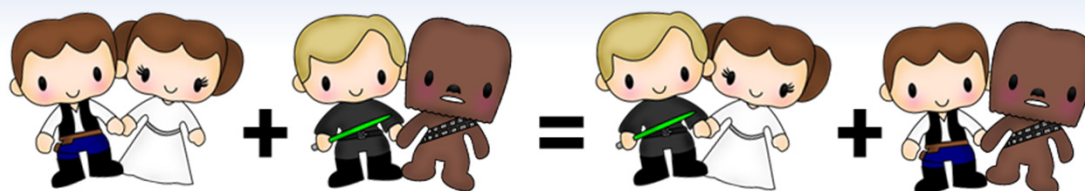
SINGLE REPLACEMENT



types of equations

4

DOUBLE REPLACEMENT



types of equations

5

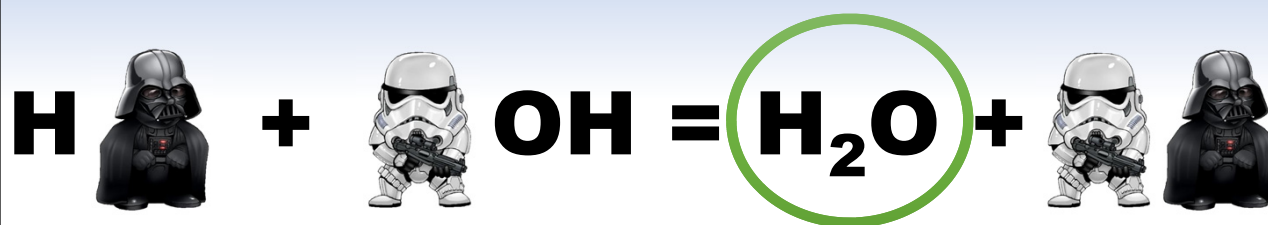
COMBUSTION



types of equations

6

NEUTRALIZATION (ACID BASE)



types of equations