Balancing Reaction Intro Activity

https://phet.colorado.edu/sims/html/balancing-chemical-equations/latest/balancing-chemical-equations_en.html

Begin with the introduction...

Where it says "tools" in the upper right hand corner, click the balance. You should see this balance appear on top of the two boxes.

Next, play around with adding reactants and products until the scales are balanced. What is true about the number of atoms on each side when the balance is even?

Write the balanced equation to **make ammonia:**

Now do the same for water and methane (you can switch them by clicking on the different circles at the bottom of the page

Water:

Methane:

Now at the very bottom of the screen, click on "GAME".

You may play on any level and question, but you MUST get 10 balanced equations. Write them below. ☺