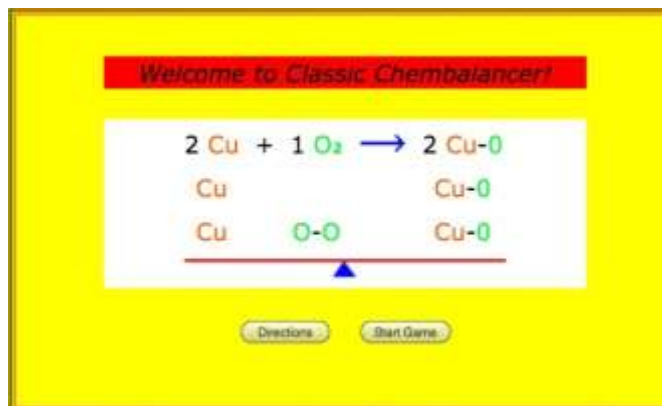


Name _____

Directions:

1. Click on 'Start Game'
2. Enter coefficients in the preceding boxes. Do not leave any boxes blank, instead enter "1".
3. Click the 'Balanced' button.
4. If you didn't get it right, try again.
5. If you were correct, fill in the correct coefficients on this worksheet.
6. Continue with the Review Chembalancer and the Brain Boggler Chembalancer.



Classic Chembalancer

Questions Fill in the blanks below as you go through the game. This is so I have a record that you did your assignment.

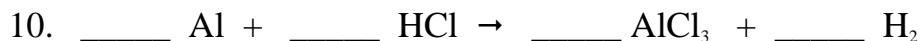
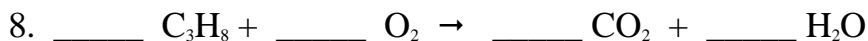
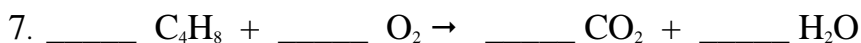
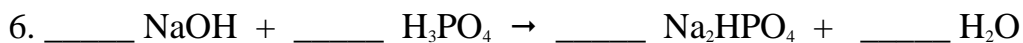
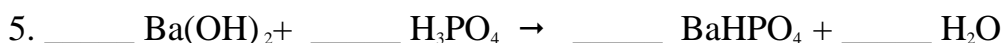
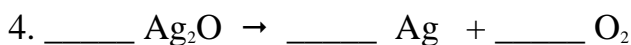
1. ____ Fe + ____ S → ____ FeS
2. ____ H₂ + ____ Cl₂ → ____ HCl
3. ____ Mg + ____ O₂ → ____ MgO
4. ____ O₂ + ____ H₂ → ____ H₂O
5. ____ HgO → ____ Hg + ____ O₂
6. ____ Ca + ____ H₂O → ____ Ca(OH)₂ + ____ H₂
7. ____ CH₄ + ____ O₂ → ____ CO₂ + ____ H₂O
8. ____ Na₂O₂ + ____ H₂SO₄ → ____ Na₂SO₄ + ____ H₂O₂
9. ____ N₂ + ____ H₂ → ____ NH₃
10. ____ Al + ____ O₂ → ____ Al₂O₃
11. ____ KMnO₄ → ____ K₂O + ____ MnO + ____ O₂

Draw the molecules just like the program did to figure out the answer to #12.

12. ____ Na + ____ H₂O → ____ NaOH + ____ H₂

Review Chembalancer

Questions Fill in the blanks below as you go through the game. This is so I have a record that you did your assignment.



Draw the molecules just like the program did to figure out the answer to #11.



Brain Boggle Chembalancer

Questions Fill in the blanks below as you go through the game. This is so I have a record that you did your assignment.

