

Chembalancer

<http://funbasedlearning.com/chemistry/chemBalancer/default.htm>

Name _____

Or

Hour _____

(www.myscience8.com chemistry/links page)

Classic Chembalancer

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

Review Chembalancer

1. _____ S + _____ O₂ \rightarrow _____ SO₂
2. _____ Na + _____ O₂ \rightarrow _____ Na₂O₂
3. _____ Hg + _____ O₂ \rightarrow _____ HgO
4. _____ Ag₂O \rightarrow _____ Ag + _____ O₂
5. _____ Ba(OH)₂ + _____ H₃PO₄ \rightarrow _____ BaHPO₄ + _____ H₂O
6. _____ NaOH + _____ H₃PO₄ \rightarrow _____ Na₂HPO₄ + _____ H₂O
7. _____ C₄H₈ + _____ O₂ \rightarrow _____ CO₂ + _____ H₂O
8. _____ C₃H₈ + _____ O₂ \rightarrow _____ CO₂ + _____ H₂O
9. _____ Fe + _____ Cl₂ \rightarrow _____ FeCl₃
10. _____ Al + _____ HCl \rightarrow _____ AlCl₃ + _____ H₂
11. _____ HgO \rightarrow _____ Hg + _____ O₂
12. _____ NCl₃ + _____ H₂O \rightarrow _____ HClO + _____ NH₃

BRAIN BOGGLE Chembalancer

1. _____ F₂ + _____ Al₂O₃ \rightarrow _____ AlF₃ + _____ O₂
2. _____ C₂H₆ + _____ O₂ \rightarrow _____ CO₂ + _____ H₂O
3. _____ NH₃ + _____ O₂ \rightarrow _____ NO + _____ H₂O
4. _____ C₅H₁₂ + _____ O₂ \rightarrow _____ CO + _____ H₂O
5. _____ C₈H₁₈ + _____ O₂ \rightarrow _____ CO + _____ H₂O