

Balancing Chemical Equations

1. ____ N₂ + ____ O₂ → ____ N₂O
2. ____ HgO → ____ Hg + ____ O₂
3. ____ Zn + ____ HCl → ____ ZnCl₂ + ____ H₂
4. ____ Al(OH)₃ + ____ H₂SO₄ → ____ Al₂(SO₄)₃ + ____ H₂O
5. ____ Fe + ____ O₂ → ____ Fe₂O₃
6. ____ C₇H₆O₂ + ____ O₂ → ____ CO₂ + ____ H₂O
7. ____ K + ____ Br₂ → ____ KBr
8. ____ AgNO₃ + ____ H₂S → ____ Ag₂S + ____ HNO₃
9. ____ Al + ____ N₂ → ____ AlN
10. ____ ZnS + ____ HCl → ____ ZnCl₂ + ____ H₂S
11. ____ HCl + ____ Cr → ____ CrCl₂ + ____ H₂
12. ____ K + ____ B₂O₃ → ____ K₂O + ____ B
13. ____ HCl + ____ NaOH → ____ NaCl + ____ H₂O
14. ____ Na + ____ Cl₂ → ____ NaCl
15. ____ K₂CO₃ + ____ Ba₂Cl₂ → ____ KCl + ____ BaCO₃
16. ____ C₆H₆ + ____ O₂ → ____ CO₂ + ____ H₂O
17. ____ Cu₂O + ____ Fe₂S₃ → ____ Cu₂S + ____ Fe₂O₃
18. ____ Al₂(SO₄)₂ + ____ Ca(OH)₂ → ____ Al(OH)₂ + ____ CaSO₄
19. ____ Mg + ____ N₂ → ____ Mg₂ + ____ N₂
20. ____ FeCl₂ + ____ NH₄OH → ____ Fe(OH)₂ + ____ NH₄Cl
21. ____ SiO₂ + ____ HF → ____ SiF₄ + ____ H₂O

What number are you? Start with that problem.

Your second problem will be 7 down from your first.

Your third problem will be 7 down from your second.