

Name Key

Per _____

Date _____

Balancing Equations Practice Worksheet 2

Balance the following equations:

1. S₈ + 12 O₂ → 8 SO₃
2. 2 HgO → 2 Hg + O₂
3. Zn + 2 HCl → ZnCl₂ + H₂
4. 2 Na + 2 H₂O → 2 NaOH + H₂
5. C₁₀H₁₆ + 8 Cl₂ → 10 C + 16 HCl
6. 2 Si₂H₃ + 11/2 O₂ → 4 SiO₂ + 3 H₂O
7. C₇H₆O₂ + 15/2 O₂ → 7 CO₂ + 3 H₂O
8. 2 FeS₂ + 11/2 O₂ → Fe₂O₃ + 4 SO₂
9. Fe₂O₃ + 3 H₂ → 2 Fe + 3 H₂O
10. 2 K + Br₂ → 2 KBr
11. C₂H₂ + 5/2 O₂ → 2 CO₂ + H₂O
12. 2 H₂O₂ → 2 H₂O + O₂
13. C₇H₁₆ + 11 O₂ → 7 CO₂ + 8 H₂O
14. SiO₂ + 4 HF → SiF₄ + 2 H₂O
15. 2 KClO₃ → 2 KCl + 3 O₂
16. 4 KClO₃ → 3 KClO₄ + KCl
17. P₄O₁₀ + 6 H₂O → 4 H₃PO₄
18. 4 Sb + 3 O₂ → Sb₄O₆
19. Fe₂O₃ + 3 CO → 2 Fe + 3 CO₂
20. PCl₅ + 4 H₂O → 5 HCl + H₃PO₄
21. 8 H₂S + 8 Cl₂ → S₈ + 16 HCl
22. 3 Fe + 4 H₂O → Fe₃O₄ + 4 H₂
23. 2 N₂ + O₂ → 2 N₂O
24. 6 CO₂ + 6 H₂O → C₆H₁₂O₆ + 6 O₂