

Balance the following equations! THESE OCCUR IN PAIRS WHEN ALONE:

Br I N Cl H O F

1. Aluminum + hydrogen chloride yields aluminum chloride + hydrogen
2. Magnesium chlorate yields magnesium chloride + oxygen
3. Barium nitrate + magnesium chloride yields barium chloride + magnesium nitrate.
4. Aluminum nitrate + sodium hydroxide yields sodium nitrate + aluminum hydroxide
5. Aluminum + chlorine yields aluminum chloride
6. Magnesium + iodine yields magnesium iodide
7. Calcium nitrate + sodium fluoride yields sodium nitrate + calcium fluoride
8. lead(IV) carbonate yields lead(IV) oxide + carbon dioxide
9. Hydrogen peroxide yields dihydrogen monoxide and oxygen
10. Chlorine + magnesium iodide yields magnesium chloride + iodine

HOW TO DO IT!!

Write *SYMBOLS*

Write correct *FORMULAS*

Using charge & subscripts

BALANCE

Using coefficients (big #'s
in front)

11. Barium + aluminum chloride yields barium chloride + aluminum

12. sodium chlorate yields sodium chloride + oxygen

13. Lead(II) nitrate + magnesium chloride yields Lead chloride + magnesium nitrate.

14. Aluminum sulfate + sodium hydroxide yields sodium sulfate + aluminum hydroxide

15. Gallium + chlorine yields gallium chloride

16. sodium + iodine yields sodium iodide

17. Calcium nitrate + sodium phosphate yields sodium nitrate + calcium phosphate

18. aluminum carbonate yields aluminum oxide + carbon dioxide

19. mercury(II) oxide --> mercury + oxygen

20. Chlorine + iron(III) iodide yields iron(III) chloride + iodine

HOW TO DO IT!!

Write *SYMBOLS*

Write correct *FORMULAS*

Using charge & subscripts

BALANCE

Using coefficients (big #'s
in front)

Remember BrINClHOF

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