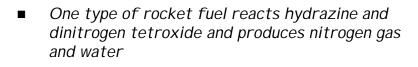


Writing and Balancing Chemical Equations: An Example



- 1. hydrazine + dinitrogen tetroxide \rightarrow nitrogen + water
- 2. $N_2H_4 + N_2O_4 \rightarrow N_2 + H_2O$ Formulas
- 3. $\mathbf{2}N_2H_4 + N_2O_4 \rightarrow \mathbf{3}N_2 + \mathbf{4}H_2O$ Balanced
- 4. $2N_2H_4(l) + N_2O_4(l) \rightarrow 3N_2(g) + 4H_2O(l)$ Done!

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