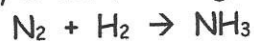


Answers: Balancing Chemical Equations

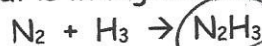
Name: _____

1. a) Why is the following equation not balanced?



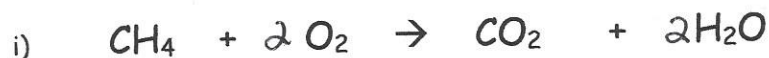
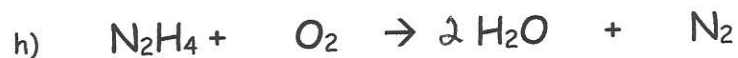
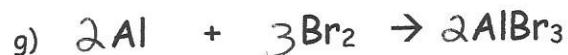
LHS		RHS	
2	N	1	N
2	H	3	H

- b) What is wrong with the way that the following equation is balanced?



the student tried to balance the equation by changing the formula of NH_3

2. Balance the following equations.



3. For each of the following, write the correct skeleton equation and then balance it.

a) copper (II) oxide + hydrogen gas $\rightarrow$ copper + water



b) calcium + water $\rightarrow$ calcium hydroxide + hydrogen gas



c) lead (II) nitrate + potassium iodide $\rightarrow$ lead (II) iodide + potassium nitrate

