

Balancing Chemical Equations Practice**Instructions-**

DO NOT EAT THE CANDY UNTIL EVERYTHING HAS BEEN STAMPED!

Sanitize your hands before getting candies.

Candy Color	Color 1	Color 2	Color 3	Color 4	Color 5
Number Needed	20	16	8	6	5

Rules for Balancing

-cannot change subscripts, only coefficients!

-you must have the same number of colored candies on each side

-I must stamp for each balanced equation

1) N_2	H_2	\longrightarrow	NH_3

2) $KClO_3$	\longrightarrow	KCl	O_2

3) NaCl	F₂	→	NaF	Cl₂

4) H₂	O₂	→	H₂O

5) Pb(OH)₂	HCl	→	H₂O	PbCl₂

6) CH₄	O₂	→	CO₂	H₂O

7) K_3PO_4	HCl	→	KCl	H_3PO_4

8) C_3H_8	O_2	→	CO_2	H_2O

9) $FeCl_3$	NaOH	→	$Fe(OH)_3$	NaCl

10) P	O_2	→	P_2O_5

11) Na	H₂O	→	NaOH	H₂

12) Ag₂O	→	Ag	O₂

13) Cu₂O	C	→	Cu	CO₂

14) HCl	Ca(OH)₂	→	CaCl₂	H₂O

15) HCl	CaCO₃	→	CaCl₂	H₂O	CO₂

16) H₂O	O₂	→	H₂O₂

17) NaBr	CaF₂	→	NaF	CaBr₂

18) H₂SO₄	NaNO₂	→	HNO₂	Na₂SO₄

19) Na	I₂	→	NaI

20) N₂	O₂	→	N₂O