Name: _____ **Date:** _____

Balancing Equations

Balance the following chemical equations.

1.	2	AgI	+	1	Na_2S	→	1	Ag_2S	+	2	NaI
2.	1	Na_3PO_4	+	3	HCl	→	3	NaCl	+	1	H_3PO_4
3.	1	Ba_3N_2	+	6	H_2O	→	3	$Ba(OH)_2$	+	2	NH_3
4.	1	$TiCl_4$	+	2	H_2O	→	1	TiO_2	+	4	HCl
5.	3	$CaCl_2$	+	2	Na_3PO_4	→	1	$Ca_3(PO_4)_2$	+	6	NaCl
6.	2	NaBr	+	1	Cl_2	→	2	NaCl	+	1	Br_2
7.	1	$Mg(OH)_2$	+	2	HCl	→	1	$MgCl_2$	+	2	H_2O
8.	4	FeS	+	7	O_2	→	2	Fe_2O_3	+	4	SO_2
9.	1	PCl_5	+	4	H_2O	→	1	H_3PO_4	+	5	HCl
10.	1	C_2H_6O	+	3	O_2	→	2	CO_2	+	3	H_2O