	Name Period College Prep Chemistry of the Earth												
	Assignment 4H – Writing Decomposition Reactions (With Combo Review) 20 Points For the following reactions, write the products of each reaction following the template provided. Show work for ionic compound + z Vz Cz Evz Z Z Z Z Z Z Z Z Z												
HBr AB	Reaction		HBr →			_		Reaction		$ \begin{array}{c} \text{Na}_2\text{O} \rightarrow \\ \text{Na} = +1 \end{array} $			
	AB	→	A	+	E	3	•	AB	→	A	+	В	
	HBr	→	H ₂	+	B	2			→		+		_
†:H	Reaction $H_3P \rightarrow \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$				-		Reaction		$Zn_3N \rightarrow Zn = +1$	\ W	metal		
s',Br	AB	→	A	+	E	3		AB	→	A	+	В	-
H ₃ P	H ₃ P	→	H2	+	P			Zn ₃ N	→	Zn	+	\mathbb{N}	2
HP	Reaction $H_2S \rightarrow \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$						Reaction		$WS_3 \rightarrow \underline{\qquad} + \underline{\qquad}$ $W = +6$		+	_	
	AB	→	A	+	Е	3		AB	>	A	+	В	,
^		→		+					→		+		
† ` .	Reaction $Ca + Br_2 \rightarrow$							Reaction $Cu^{3+} + O_2 \rightarrow \underline{\hspace{1cm}}$				-	
a+	A	+	В	\rightarrow	A	В		A	+	В	\rightarrow	AI	3
 Br ₂ -		+	Brz	→	C_{θ}	Br	2	_	+		\rightarrow		
B	Formula		A	A B				Formula	Formula		В		
	Elements		Ca Br		, L			Elements					
	Ion Charge		+2 -1					Ion Charge	:				
	Cross Method		CaBr			٥		Cross Method	1				
	AB		Cabr ₂				AB						