	A – Yellow	B – Orange	_	resent the reac $\mathbf{D} - \mathbf{Blue}$		F – Purple	
	om of element A r	S			d the molecul	•	
Written :	and Balanced Equa	tion with Coeffi	icients:				
			Sig	Signature :			
Picture/I	om of C combines llustration: and Balanced Equa			lle to yield C₃l	$\mathbb{E}_{8}.$		
					Signature	:	
	lecule of DF ₃ coml	oines with an at	tom of C to yi	eld a molecule	e of DC and ar	n atom of F.	
			iaianta				
Written	and Balanced Equa	tion with Coeffi	icients:				

Name:_____

Balancing & Classifying Equations:

A – Yellow	B – Orange	C – Green	D – Blue	E – Red	F – Purple			
4. The molecule BD ₂ breaks down and yields the diatomic molecule B ₂ and diatomic molecule D ₂ .								
Picture/Illustration:								
Written and Balanced Equa	tion with Coeffi	icients:						
				Signature	:			
5. A molecule of AE reacts with FC ₂ yielding two products, FE ₂ and a molecule of AC.								
Picture/Illustration:	•		ŕ					
Written and Balanced Equa	tion with Coeffi	icients:						
				Signature	:			
6. A ₂ E yields an atom of A	and the diator	mic E2 molecul	le.					
Picture/Illustration:		-						
Written and Balanced Equa	tion with Coeffi	icients:						
				Signature	:			
7. An atom of A reacts with a BF molecule to produce a diatomic B2 molecule and an AF3 molecule.								
Picture/Illustration:								
Written and Balanced Equa	tion with Coeffi	icients:						
				0.1				
				Signature				