

A

Dihydrogen monoxide	<i>Formula</i>
Molar Mass	
# of Grams	54g
# of Moles	

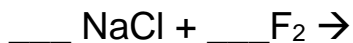
Balance the following Reaction



What type of reaction is this?

	2Al	+	3Cu(SO ₄)	→	Al ₂ (SO ₄) ₃	+	3Cu
Molar Mass							
# of Moles							
# of grams					100g		

Predict Products and then Balance the following Reaction



What type of reaction is this?

	2C ₂ H ₆	+	7O ₂	→	4CO ₂	+	6H ₂ O
Molar Mass							
# of Moles							
# of grams	12g						

Oxygen gas	<i>Formula</i>
Molar Mass	
# of Grams	96g
# of Moles	

	2Mg	+	O ₂	→	2MgO
Molar Mass					
# of Moles					
# of grams			20g		

Carbon dioxide	<i>Formula</i>
Molar Mass	
# of Grams	
# of Moles	0.5 mol

Write the formulas for the skeleton equation and then balance.

Potassium Chlorate decomposes into Potassium Chloride and Oxygen Gas

B

Cobalt (III) Cyanide	<i>Formula</i>
Molar Mass	
# of Grams	50g
# of Moles	

Balance the
following Reaction



What type of reaction is this?

	2Fe	+	SnCl ₄	→	2FeCl ₂	+	Sn
Molar Mass							
# of Moles							
# of grams					10g		

Balance
the following Reaction



What type of reaction is this?

	2C ₆ H ₁₄	+	19O ₂	→	12CO ₂	+	14H ₂ O
Molar Mass							
# of Moles							
# of grams	8g						

Sulfur trioxide	<i>Formula</i>
Molar Mass	
# of Grams	30g
# of Moles	

	P ₄	+	5O ₂	→	2P ₄ O ₁₀
Molar Mass					
# of Moles			0.5 mol		
# of grams					

Aluminum chloride	<i>Formula</i>
Molar Mass	
# of Grams	
# of Moles	0.5 mol

Write the formulas for the skeleton equation
and then balance.

Tricarbon octahydride combusts

C

Titanium (IV) oxide	<i>Formula</i>
Molar Mass	
# of Grams	17g
# of Moles	

Balance the following Reaction



What type of reaction is this?

	2Cl ₂	+	CH ₄	→	CCl ₄	+	2H ₂
Molar Mass							
# of Moles							
# of grams					10g		

Predict Products and then Balance the following Reaction



What type of reaction is this?

	<u> </u> C ₄ H ₁₀	+	<u> </u> O ₂	→	<u> </u> CO ₂	+	<u> </u> H ₂ O
Molar Mass							
# of Moles							
# of grams	12g						

Barium hydroxide	<i>Formula</i>
Molar Mass	
# of Grams	
# of Moles	0.75 mol

	<u> </u> P ₄	+	<u> </u> Cl ₂	→	<u> </u> PCl ₅
Molar Mass					
# of Moles			0.5 mol		
# of grams					

Oxygen difluoride	<i>Formula</i>
Grams	
Molar Mass	
# Moles	2.5 mol

Write the formulas for the skeleton equation and then balance.

Sodium Bicarbonate decomposes into Sodium Carbonate, Water, and Carbon Dioxide