Name	Period			
Particulate Diagram Homework Reactions				
For every question make sur	e you write a legend (key) and a balanced chemical equation.			
	m to represent when one molecule of hydrogen gas (H_2) reacts with s (Cl_2) to form HCl. Is there anything leftover?			
	in to represent when one molecule of nitrogen gas (N_2) reacts with gas (H_2) to form NH_3 . Is there anything leftover?			
	m to represent when two molecules of hydrogen gas (H ₂) react with s (Cl ₂) to form HCl. Is there anything leftover?			
	m to represent when two molecules of hydrogen gas (H ₂) react with gas (Cl ₂) to form HCl. Is there anything leftover?			

seven molecules of hydroge to finish the reaction?	n gas (H ₂) to for	m NH ₃ . How many more of w	hat species do you need	
]			
		when two molecules of hydrog ter. How many water molecul		
]			
7) Draw a particulate diagram to represent when four molecules of hydrogen gas (H ₂) react with four molecules of oxygen gas (O ₂) to form H ₂ O. How many more hydrogen molecules do you need to use up the oxygen molecules?				
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ga	as (O ₂) to form H			
four molecules of oxygen ganeed to use up the oxygen meed to use up th	m to represent vorm CH4. If you		gen gas (H ₂) react with	
8) Draw a particulate diagra one atom of carbon (C) to for	m to represent vorm CH4. If you	vhen two molecules of hydroge	gen gas (H ₂) react with	
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