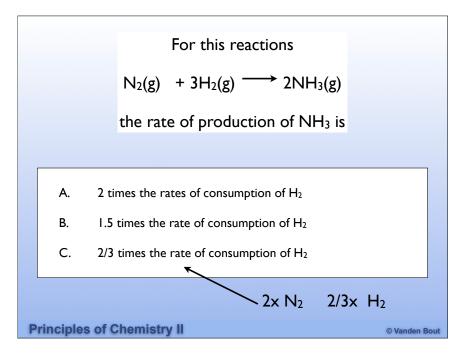
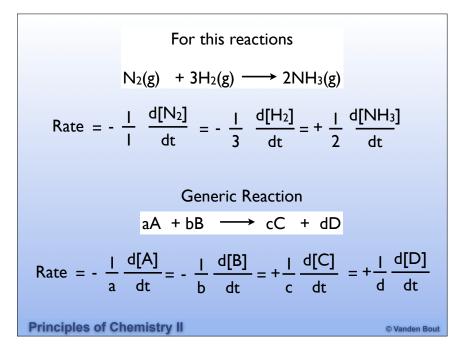
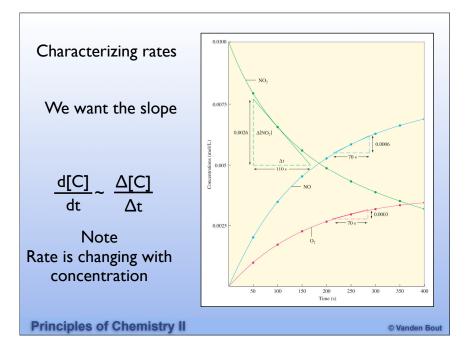


	2H <sub>2</sub> (§	g) +	$O_2(g) \longrightarrow 2l$	H <sub>2</sub> C	D(g)	
	Rate of consumption of H <sub>2</sub>		2 x the Rate of consumption of O <sub>2</sub>		Rate of formation of H <sub>2</sub> O	
	_	_	has rates that are ction for each 1			
Prir	nciples of Chemis	try I	1		© Vanden Bou	ıt







$NO_2(g) \longrightarrow 2NO(g) + O_2(g)$ (at 300°C)					
	Concentration (mol/L)				
Time ( $\pm 1$ s)	$NO_2$	NO	O <sub>2</sub>		
0	0.0100	0	0		
50	0.0079	0.0021	0.0011		
100	0.0065	0.0035	0.0018		
150	0.0055	0.0045	0.0023		
200	0.0048	0.0052	0.0026		
250	0.0043	0.0057	0.0029		
300	0.0038	0.0062	0.0031		
350	0.0034	0.0066	0.0033		
400	0.0031	0.0069	0.0035		

