7	76. For the reaction $A + B = R + D$ at $C_A = 1$ mol/L and $C_B = 2$ mol/L, the rate is 0.5 mol/
L·h. D	etermine the reaction rate constant:
A	A) 0.15;
I	3) 0.40;
	$(0.60)^{\circ}$
	O) 0.40;
	E) 0.25.
•	
77. For the chemical reaction $A+2B+C=D$, the dependence of the rate on the concentration of the reacting substances corresponds to:	
	A) $V = K \cdot C_A \cdot C_B^2 \cdot C_D$;
I	B) $V = K \cdot C_A \cdot C_B \cdot C_C$;
(C) $V = K \cdot C_A \cdot C_B^2$;
I	$O) V = K \cdot C_A \cdot C_B^2 \cdot C_C;$
I	$E) V = K \cdot C_B \cdot C_C$.
7	78. The reaction rate $A + 2B = C$ with an increase in the concentration of B will increase
	umber of times:
	A) 9;
	3) 2;
	C) 3;
	D) 4;
1	E) 12.
7	79. With an increase in the concentration of reactants, the reaction rate:
	A) will increase;
	3) will not change;
	C) will decrease;
	D) will shift to the left;
	E) will stop.
	a) will stop.
80. An increase in the ammonia yield by the reaction: $N_2 + 3H_2 = 2NH_3 + Q$ will contribute to the condition:	
	A) increasing the pressure in the system;
	C) temperature rise;
	C) reduction of hydrogen concentration;
	D) lowering the system pressure;
	E) reduction of nitrogen concentrations.
1	2) reduction of introgen concentrations.
8	31. In the reaction $2NO + O_2 = 2NO_2 + Q$, determine the numbers of factors that shift the
	orium to the right:
_	L. increase the concentration of oxygen;
	2. reduce the concentration of nitric oxide (II);
	· ·
	3. increase the temperature;
	4. reduce the pressure;
	5. reduce the temperature;
	5. increase the pressure;
7	7. enter the catalyst.
	A) 1, 3, 5;
	3) 2, 4, 6;
	C) 1, 4, 5;
•	~ <i>,</i> -, ·, ~,