

1) $m_1 - 29.202$

$H_2 \uparrow - 25.851 \text{ (20\% 10mm)}$

$m_2 - 29.202 - 19.442 = 9.762$

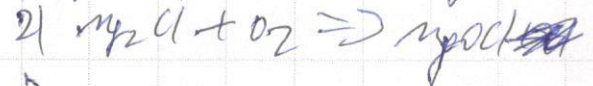
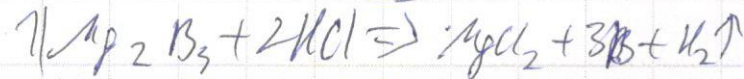
$m_3 - 9.762 + 28.432 = 38.192$

11	12	13
12	5	14
15	16	17

11	12	13
12	5	14
15	16	17

2. $m_{H_2} - m_{H_2} \text{ и } B \quad m_{H_2} B_3$

2. $m_{H_2} B_3 + 2HCl \Rightarrow m_{H_2} B_3 + 2HCl$



$m_{H_2} B_3 + 2HCl \Rightarrow m_{H_2} B_3 + 2HCl$

$$V = \frac{m}{\rho} = \frac{38.19}{1.95} = 32.21$$

2)

A	B	C	D	E	F	G	H	I	J
3	2	3	2	3	1	1	1	1	16
	H_2	H_2	H_2	H_2					

$$D(100\% - 57.67\% - 19.27\%) = 13.58\% \text{ и } B \text{ моль (H)}$$

$$F - H_2 \text{ моль}$$

$$B - H_2 Cl_2$$

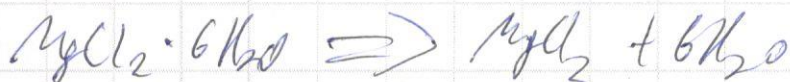
$$D - H_2 \text{ моль}$$

$$D - H_2 \text{ моль} \quad 57.67\% \quad 2 \cdot 19 - 32 - 18 - 18 - 2$$

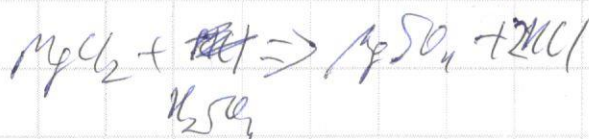
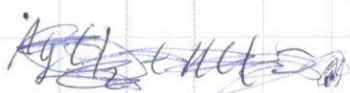
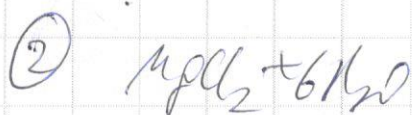
$$A - HCl$$

3)

3,1	3,2	3,3	3,4	Барлығы
4	10	3	4	21



① A) Магнийсін сульфидіне MgS - 2

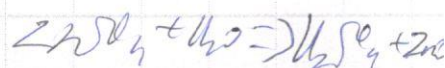
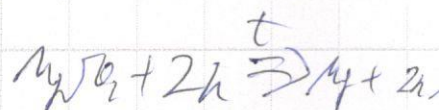
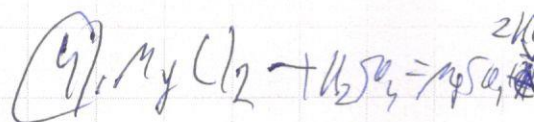


A) MgAl_2O_4 - қызыл түспен боялады

Б) рН өлшеуі - (7-8)

рН көрсеткіші I - (5-6)

рН көрсеткіші (3-4)



Магнийсін сульфидіне

1	41	42	43	44	45				
2	1	12	3	10	26				
3									

