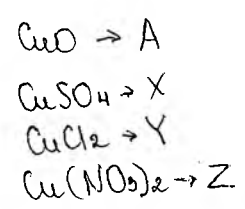
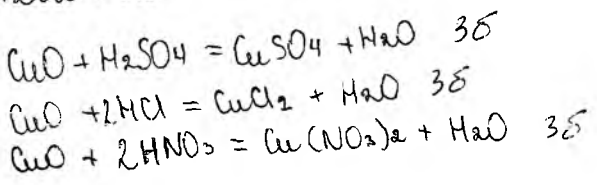


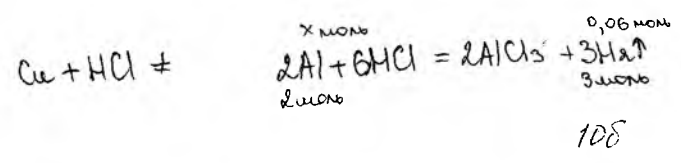
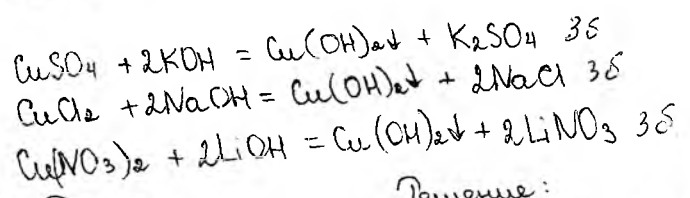
- Вариант 1
Часть 1 = 30б
1. 2
 2. 8
 3. а
 4. а
 5. в
 6. 18
2а
38
48

7. 19
2. а
3. е
4. в
8. 1. 8
2. 8
3. в
4. 2.
9. 1. 2
2. а
3. 8
4. в

10. 8, 2
Часть 2 = 275 + 98 = 30



$Cu(OH)_2 - B$ 9б



2. Дано:
 смесь (Al + Cu) = 1,782
 $V(H_2) = 1,344 л$
 $w(Al) = ?$
 $w(Cu) = ?$

Решение:
 $w(вещ-ва) = \frac{m(вещ-ва)}{m(смеси)}$

$\rho = \frac{V}{V_m}$ $\rho(H_2) = \frac{1,344 л}{22,4 л/моль} = 0,06 моль$ 5б

$\frac{x моль}{2 моль} = \frac{0,06 моль}{3 моль}$ $3x = 0,12 моль$
 $x = 0,04 моль$
 $\rho(Al) = 0,04 моль$ 5б

$m = \rho \cdot M$

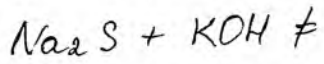
$m(Al) = 0,04 моль \cdot 27 г/моль = 1,082$ } 5б
 $m(Cu) = m(смеси) - m(Al)$
 $m(Cu) = 1,782 - 1,082 = 0,7$

$w(Cu) = \frac{0,7}{1,782} \cdot 100 = 39,3 \%$ $w(Al) = \frac{1,082}{1,782} \cdot 100\% = 60,7 \%$

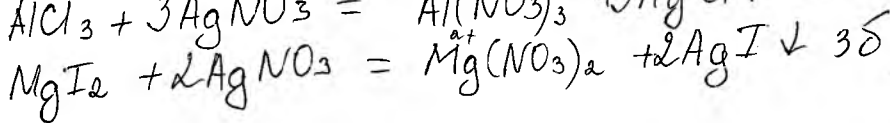
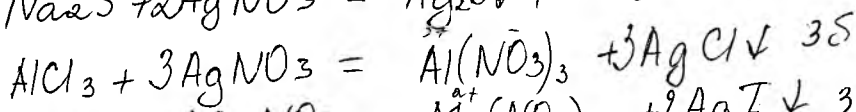
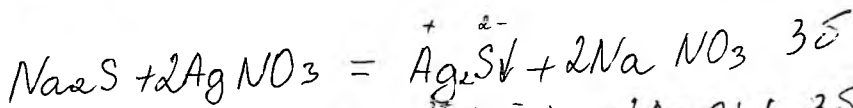
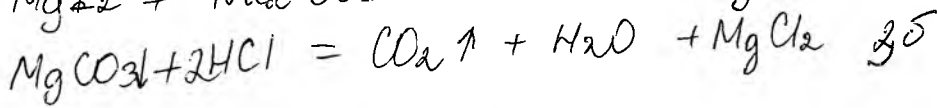
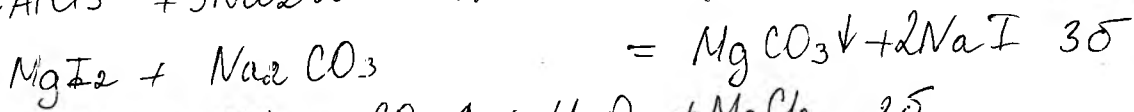
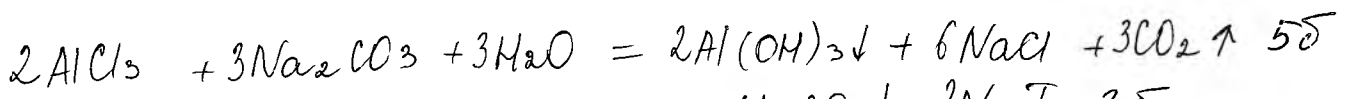
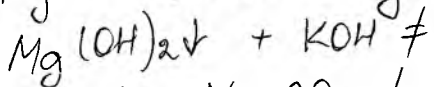
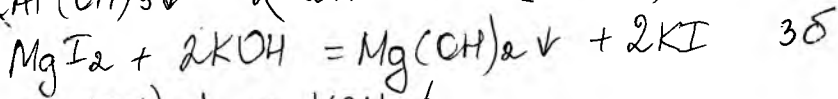
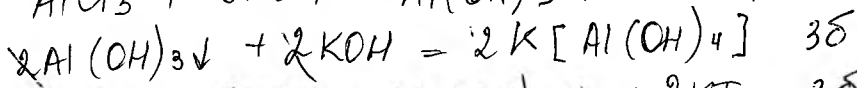
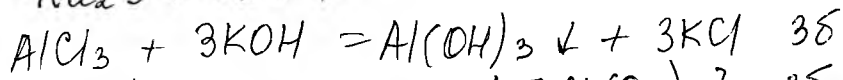
Задача (2) = 30б

5б

Продукта	KOH	Na ₂ CO ₃	AgNO ₃	Всего
1	≠	≠	↓	Na ₂ S
2	↓	↓; ↑	↓	AlCl ₃
3	↓	↓	↓	MgI ₂



$$8 + 3 = 115$$



405.