

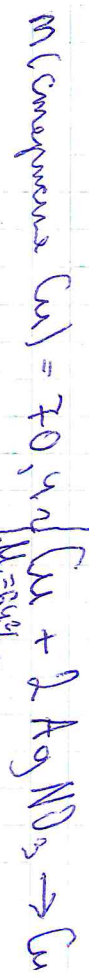
66

901

IX -	05
III -	05
IV -	55
V -	05
	<u>65</u>

14) Դուրս:

Դասարան:



$$m(\text{հալույթում}) = 85,6 \text{ ց}$$

$$V(\text{իլ-թթ HNO}_3) = 100 \text{ մլ}$$

$$\rho(\text{իլ-թթ}) = 1,4 \text{ ց/մլ}$$

$$w(\text{HNO}_3) = 64\%$$

$w(\text{HNO}_3 \text{ նախ թափանցում}) = ?$

$$70,4 \text{ ց} - 64x + 108y$$

$$70,4 - 64x + 216x = 85,6$$

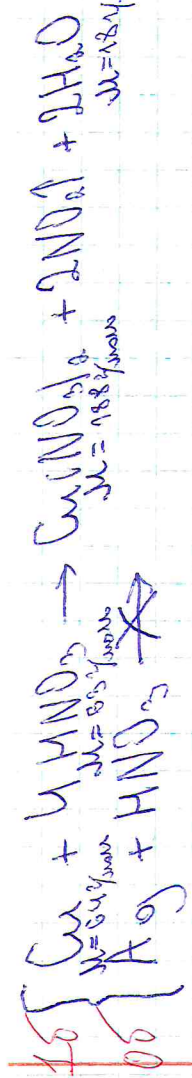
$$70,4 + 152x = 85,6$$

$$152x = 15,2$$

$$x = 0,1 \text{ մոլ} \sim m(\text{Cu}) \Rightarrow n(\text{Ag}) = 0,2 \text{ մոլ}$$

II 1)  $m(\text{իլ-թթ HNO}_3) = 9 \cdot V = 1,4 \text{ ց/մլ} \cdot 100 \text{ մլ}$

2)  $m(\text{HNO}_3) = 560 \cdot 0,64 = 358,4 \text{ ց}$



$$3) m(Cu) = 70,4 - 6,4 = 64$$

$$4) n(Cu) = \frac{m}{M} = \frac{64}{64} = 1 \text{ mol} \Rightarrow n(HNO_3) = 4 \text{ mol}$$

$$5) m(HNO_3) = 63 \text{ g} \cdot 4 \text{ mol} = 252 \text{ g}$$

$$6) m(Cu(NO_3)_2) = 188 \cdot 1 = 188 \text{ g}$$

$$7) m(H_2O) = 18 \cdot 2 = 36 \text{ g}$$

$$8) W(HNO_3) = \frac{252}{1560 - 252 + 188} = 25\%$$

$$= \frac{106,4}{425,6} \cdot 100\% = 25\%$$

Dime: 25%   
 5,5

Dime:

$$m(H_3PO_4) = 70 \text{ g}$$

$$W(H_3PO_4) = 10\%$$

$$m(P_2O_5) = 21,4 \text{ g}$$

$$W_2(H_3PO_4) = ?$$

Dime:  $W(H_3PO_4) = 10\%$    
 10

Dime:

$$m(b-ka) = 9,28 \text{ g}$$

$$W(CO) = 3584 \text{ mm}$$

$$Fe \cdot O_y = ?$$

2)

Dime:

$$m(Cu) = 32 \text{ g}$$

$$m(Cu) = 29,28 \text{ g}$$

$$W_1 = W_2$$

$$W(Cu) = ?$$

Dime:

$$Na_2CO_3 \xrightarrow{t} Na_2O + CO_2$$

$$2NaHCO_3 \xrightarrow{t} Na_2CO_3 + H_2O + CO_2$$

$$x - n(Na_2CO_3)$$

$$2y - n(NaHCO_3)$$

$$1) 62x + 62y - 44x - 88y - 18y + 18 - 106 = 0$$

$$88x + 218y = 2,79$$

$$x + 2,409y = 0,032$$

$$44x + 106y = 2,79$$

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