Sınaq	3					
	Kimya					
61	E	**71**	A	**81**	C
62	E	**72**	D	**82**	A
63	C	**73**	B	**83**	34
64	D	**74**	E	**84**	24
65	A	**75**	A	**85**	18
66	C	**76**	E	**86**	25
67	B	**77**	E	**87**	1C2E3B
68	D	**78**	D		
69	B	**79**	E		
70	C	**80**	B		

88

$M_r(O_3) = 48$

48 q **(O_3)** ---------- 1 mol

72 q **(O_3)** ---------- x mol

48 q **(O_3)** ---------- 22, 4 *l*

$$x = \frac{1 \cdot 72}{48} = 1,5 \text{ mol}$$

72 q **(O_3)** ---------- y *l*

$$y = \frac{72 \cdot 22,4}{48} = 33,6 \ l$$

89

$A_r(O)=16$, $A_r(Cu)=64$

128 q------ 32 q

$2Cu + O_2 \rightarrow 2CuO$

32 q ------ a **a = 8 q (O_2)**

128 q---------- 2 mol

$2Cu + O_2 \rightarrow 2CuO$

32 q ---------- b mol **b = 0,5 mol**

90

I. 1 mol $Al(OH)_3$ + 1 mol HBr → $Al(OH)_2Br + H_2O$

$Al(OH)_2Br$ **alüminium-dihidroksobromid**

II. $M_r(Al(OH)_2Br) = 27 + 2 \cdot (1+16) + 80 = 141$