

Sınaq		7			
		Kimya			
31	D	41	E	51	B
32	A	42	D	52	A
33	C	43	E	53	146
34	D	44	C	54	8
35	C	45	D	55	8
36	A	46	B	56	23
37	B	47	B	57	1BE2AC3D
38	C	48	C		
39	D	49	C		
40	A	50	E		

58	$4\text{H}_2\text{SO}_4 + 3\text{X} \rightarrow 3\text{XSO}_4 + \text{S} + 4\text{H}_2\text{O}$ A = S B = XSO₄ C = H₂O
59	$322 \text{ q (XSO}_4) - 82 \text{ q} = 240 \text{ q (MgSO}_4)$ $322 \text{ q} \text{ ----- } 240 \text{ q}$ $\text{XSO}_4 + \text{Mg} \rightarrow \text{MgSO}_4 + \text{X}$ $\text{M} \text{ ----- } 120 \text{ q}$ $M = \frac{322 \cdot 120}{240} = 161 \text{ q}$ $M_r(\text{XSO}_4) = 161$ $\text{X} + 32 + 4 \cdot 16 = 161$ $A_r(\text{X}) = 65$
60	$M(\text{A} = \text{S}) = 32 \text{ q}$ $M(\text{C} = \text{H}_2\text{O}) = 18 \text{ q}$ $A_r(\text{X}) = 65$ $3 \cdot 65 \text{ q} \text{ ----- } 32 \text{ q}$ $4\text{H}_2\text{SO}_4 + 3\text{X} \rightarrow 3\text{XSO}_4 + \text{S} + 4\text{H}_2\text{O}$ $m_1 \text{ q} \text{ ----- } 64 \text{ q}$ $32 \text{ q} \text{ ---- } 4 \cdot 18 \text{ q}$ $m_1 = \frac{3 \cdot 65 \cdot 64}{32} = 390 \text{ q}$ $4\text{H}_2\text{SO}_4 + 3\text{X} \rightarrow 3\text{XSO}_4 + \text{S} + 4\text{H}_2\text{O}$ $64 \text{ q} \text{ ---- } m_2 \text{ q}$ $m_2 = \frac{4 \cdot 18 \cdot 64}{32} = 144 \text{ q}$