

4-тапсырма
 1) $\omega(\text{жамт}) = \frac{66,5}{100} \cdot 100\% = 66,5\%$

1-тапсырма

а) $\text{H}_2\text{O} = 2 + 8 = 10$

б) $\text{O}_2 = 8 \cdot 2 = 16$

с) $\text{KF} = 19 + 9 = 28$

д) $\text{S}_2\text{Cl}_2 = 32 + 34 = 66$

2) ~~тапсырма~~

а) $\text{MgO} = 24 + 16 = 40 \text{ г/моль}$

б) $\text{PH}_3 = 31 + 3 = 34 \text{ г/моль}$

с) $\text{Al}_2(\text{SO}_4)_3 = 27 \cdot 2 + (32 + 64) \cdot 3 = 342 \text{ г/моль}$

д)

3)

а) $\text{C}_2\text{H}_4 \quad \omega(\text{C}) = \frac{24}{28} \cdot 100\% = 85\%$

б) $\text{CO} \quad \omega(\text{C}) = \frac{12}{28} \cdot 100\% = 42\%$

с) $\text{CaCO}_3 \quad \omega(\text{C}) = \frac{12}{60} \cdot 100\% = 20\%$

д) $\text{C}_2\text{H}_4\text{O} \quad \omega(\text{C}) = \frac{24}{44} \cdot 100\% = 54\%$

4) S_8 жәйі

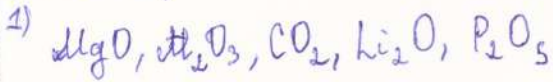
а) MnO_2 күрделі

б) PH_2 күрделі

с)

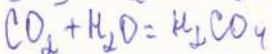
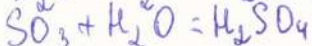
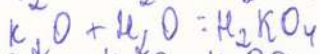
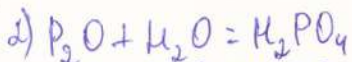
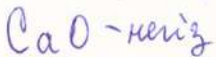
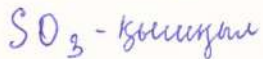
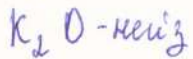
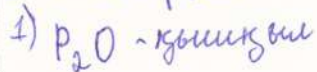
д) He жәйі

2-тапсырма



2) Натрий хлор, магний әс оторт, калий ұш пә 0 төрт, кальций үш 0 ұш, алюминий екі әс ұш.

3-тапсырма



4-тапсырма

1) $\omega(\text{қант}) = \frac{66,5}{100} \cdot 100\% = 66,5\%$

2) $m(\text{қант}) = \frac{8\% \cdot 400 \text{ г}}{1 \text{ г/мл}} = 3200 \text{ г}$

3)

4) $\omega(\text{қант}) = \frac{86,5}{100} \cdot 100\% = 86,5\%$