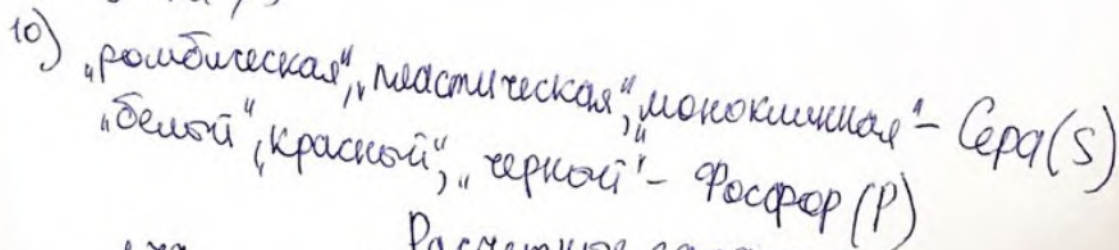
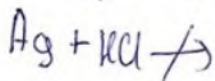
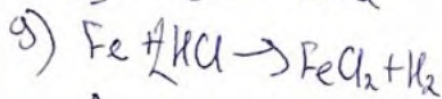
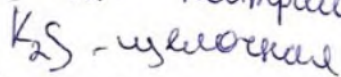
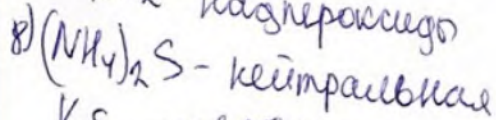
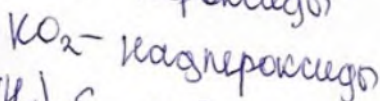
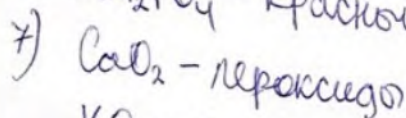
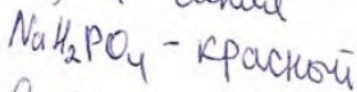
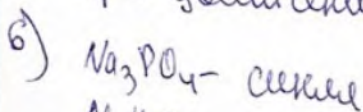
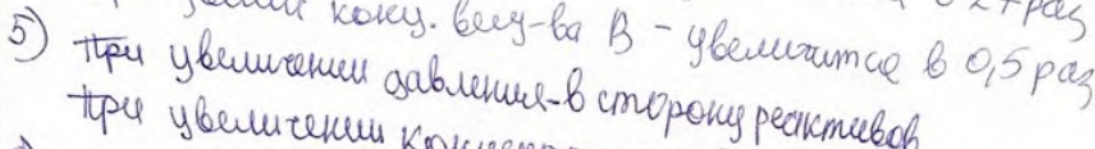
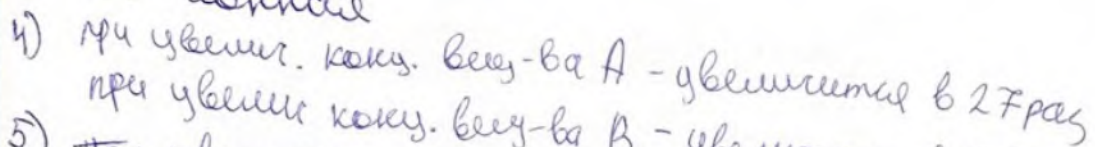
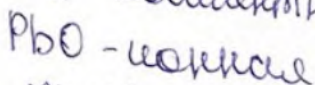
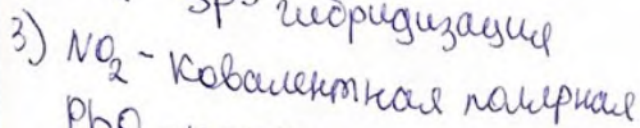
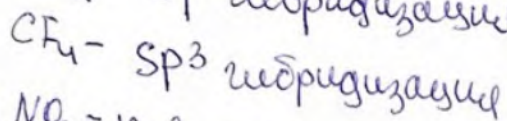
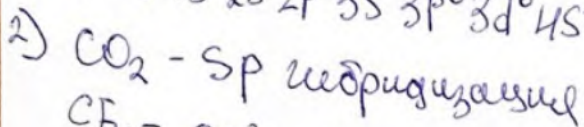
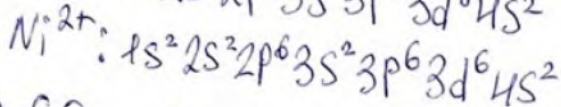
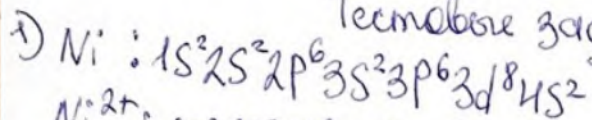
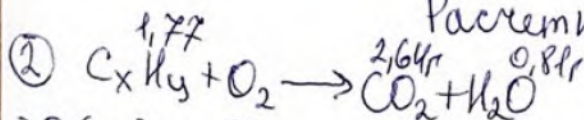


химтехник,
Химия 10-11 класс

Тестовые задания



Расчетные задания



1) $\nu(CO_2) = \frac{2,64}{44} = 0,06 \text{ моль} \Rightarrow \nu(C) = 0,06 \text{ моль}$

2) $\nu(H_2O) = \frac{0,81}{18} = 0,045 \text{ моль} \Rightarrow \nu(H) = 2 \cdot 0,045 = 0,09 \text{ моль}$

3) проверка:

$$m_c = 0,06 \cdot 12 = 0,72r \quad \left. \begin{matrix} m_H = 0,09 \cdot 1 = 0,09r \\ m_O = 0,81r \end{matrix} \right\} 0,81r \Rightarrow O - \text{емь}$$

4) $m(O) = 1,77r - 0,81r = 0,96r$

5) $\nu(O) = \frac{0,96}{16} = 0,06 \text{ моль}$

6) $\nu(C) : \nu(H) : \nu(O)$

$$\frac{0,06}{0,06} : \frac{0,09}{0,06} : \frac{0,06}{0,06}$$

$$1 : 1,5 : 1 \quad | \cdot 4$$

$$4 : 6 : 4$$

$C_4H_6O_4$ - молекулярная формула

