

№1 Σ 44 (самостоятельно решить)

As (33 \bar{e})

As⁰

1s² 2s² 2p⁶ 3s² 3p⁶ 4s² 3d¹⁰ 4p³

↑↓	↑	↑	↑
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s

3-неспаренных \bar{e}

As⁻³ ⇒ всех \bar{e} = 33 + 3 = 36 \bar{e}

$$R = \frac{36 \bar{e}}{3 \bar{e}} = 12 \bar{e}$$

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Ответ: As - мышьяк.

1	2	3	4	5	6	Итого
12	12	17	16	12	5	748

Реш

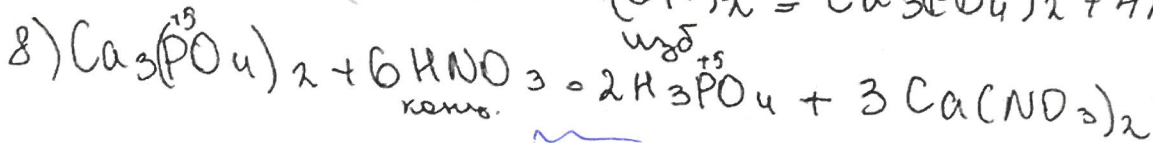
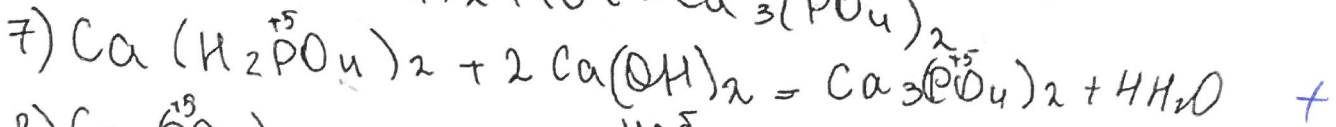
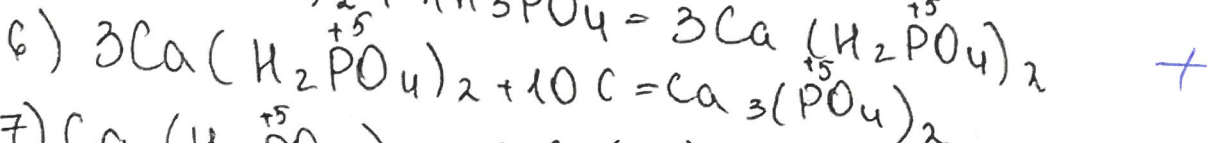
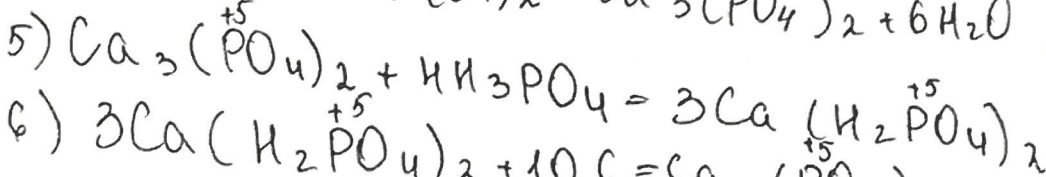
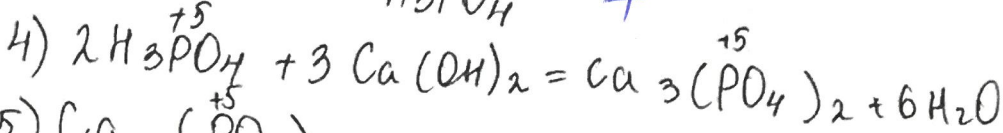
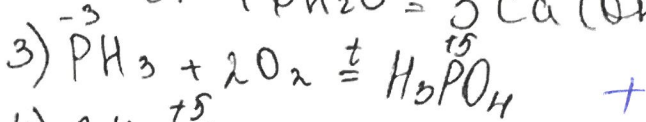
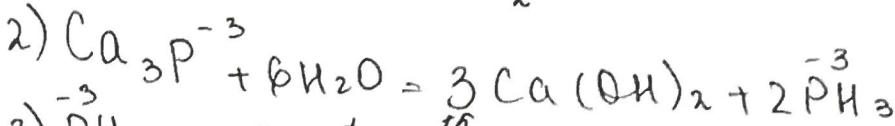
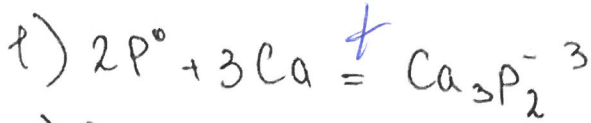
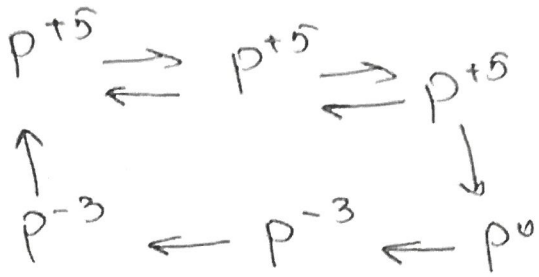
1) $\text{CH}_3 - \overset{\text{O}}{\parallel}{\text{C}} - \text{ONa}$ - ацетат натрия, соль +

2) $(\text{NH}_4)_2\text{SO}_4$ - сульфат аммония, соль +

3) $\text{Na} [\text{Al}(\text{OH})_4]$ - тетрагидроксиалюминат натрия, соль +

4) $\text{Au}_2(\text{SeO}_4)_3$ - селенат золота(III), соль +

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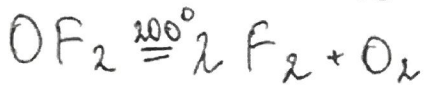
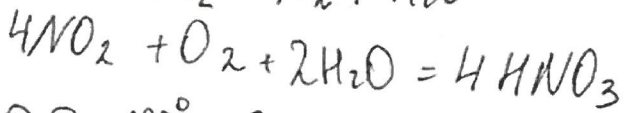
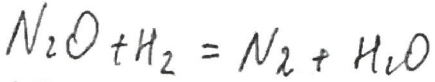
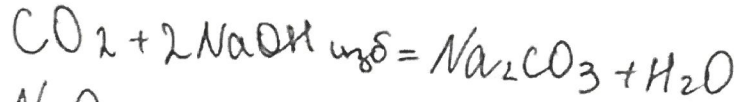


W4

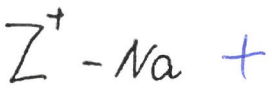
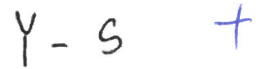
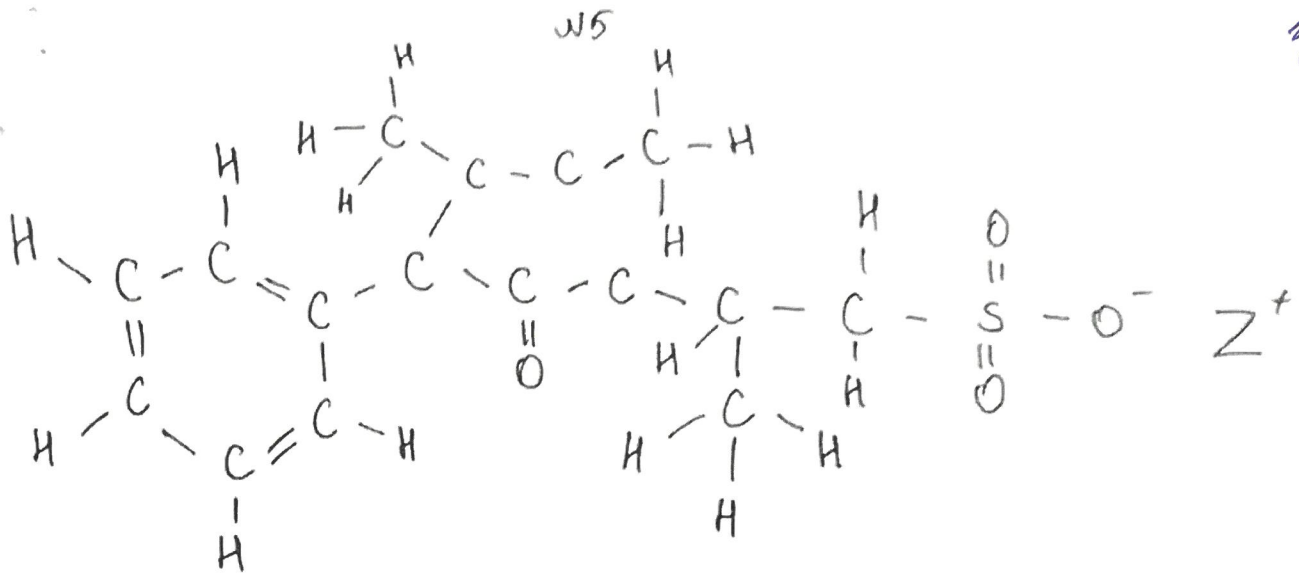
uzd4043

- NO_2 +
- CO_2 +
- N_2O -
- NOF +
- OF_2 +

$$m(\text{CO}_2) = m(\text{H}_2\text{O})$$



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$$M(C_{16}H_{18}SO_4Z) = 306 + Z$$

$$M(C_{16}H_{18}SO_4Z) = 306 + Z$$

$$306 + Z = 100\%$$

$$Z = 6,9\%$$

$$100Z = 6,9(306 + Z)$$

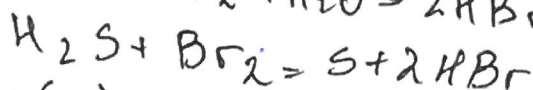
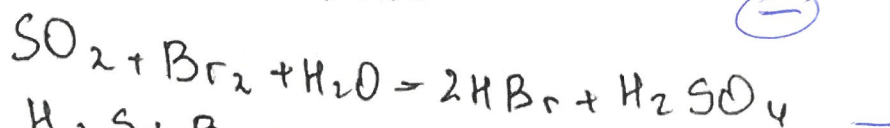
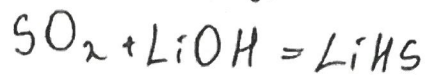
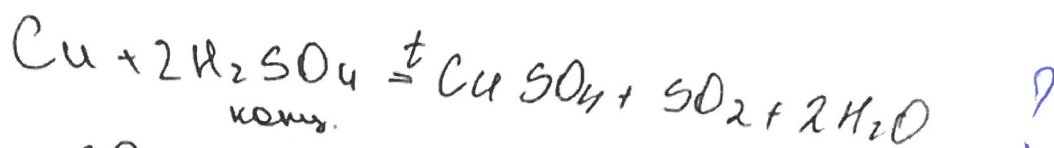
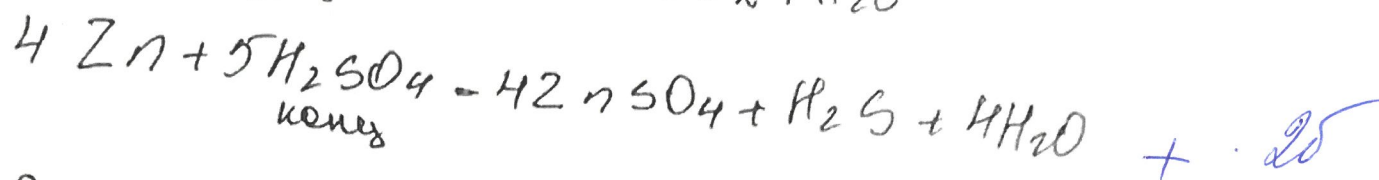
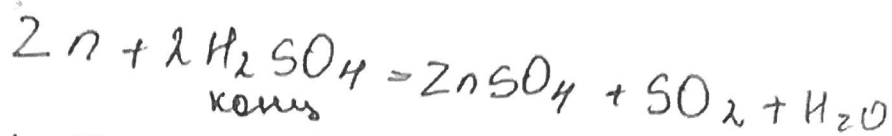
$$100Z = 2111,4 + 6,9Z$$

$$Z = 21,114 + 0,069Z$$

$$0,931Z = 21,114$$

$$Z = 22,68 \approx 23 \Rightarrow \text{эмо Na}$$

Омберн: X - C - , Y - S + , Z⁺ - Na +



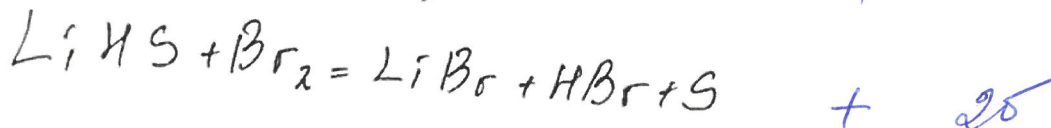
$$m(S) = 13,76 \text{ г}$$

$$M(S) = 32 \text{ г/моль}$$

$$n(S) = \frac{m}{M} = \frac{13,76}{32} = 0,43 \text{ моль} \quad +$$

$$V(\text{газов}) = 6,272 \text{ л}$$

$$n(\text{газов}) = \frac{V}{V_m} = \frac{6,272}{22,4} = 0,28 \text{ моль} \quad +$$



W ⊖

m соев - ?

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