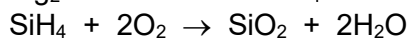
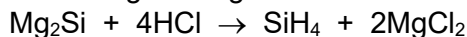
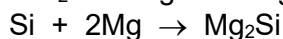
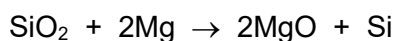
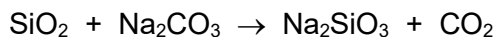
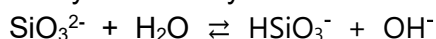
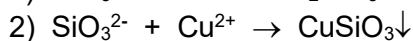
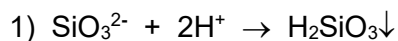
**Zadanie 1.1****Zadanie 1.2**

- a) nie zachodzi
- b) $\text{SiO}_2 + 2\text{KOH} \rightarrow \text{K}_2\text{SiO}_3 + \text{H}_2\text{O}$
- c) $\text{SiO}_2 + 4\text{HF} \rightarrow \text{SiF}_4 + 2\text{H}_2\text{O}$
- d) nie zachodzi

Zadanie 1.3**Zadanie 1.4**

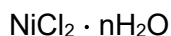
odczyn zasadowy:

**Zadanie 1.5**

F, F, F

Zadanie 2

68,3 kg

Zadanie 3

$$M(\text{NiCl}_2 \cdot n\text{H}_2\text{O}) = 237,71 \text{ g/mol}$$

$$M(n\text{H}_2\text{O}) = 108,11 \text{ g/mol}$$

$$n = 108,11/18 = 6,00$$