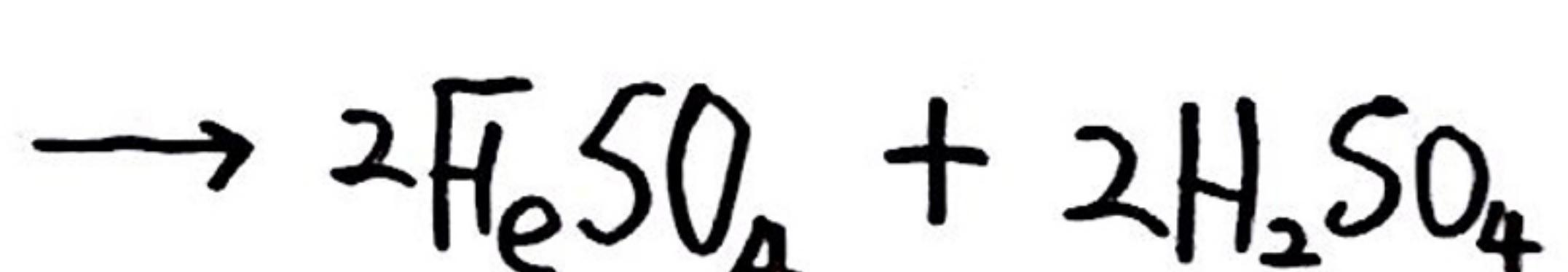
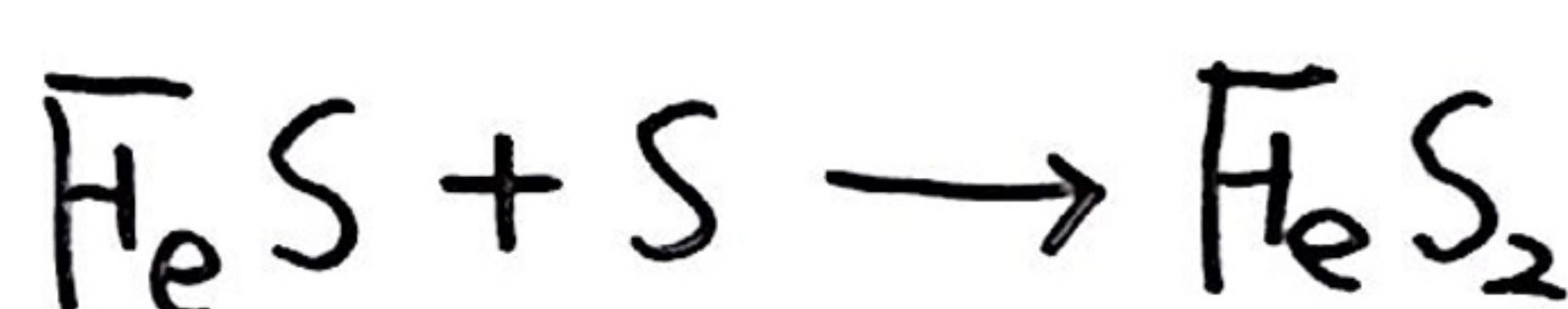
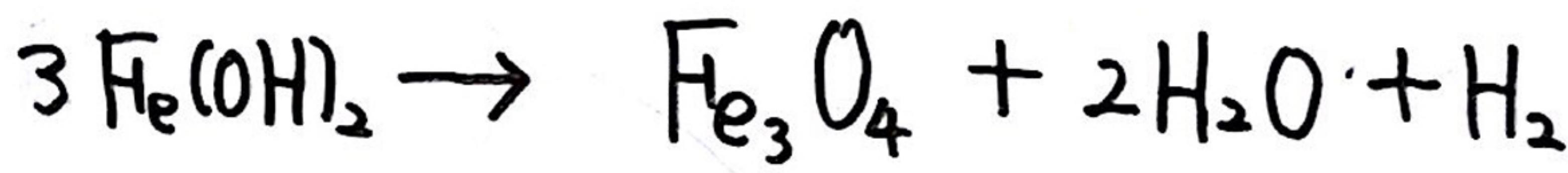
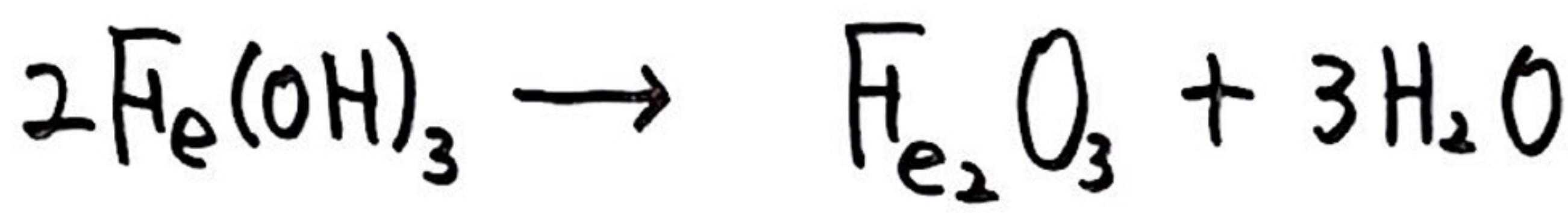
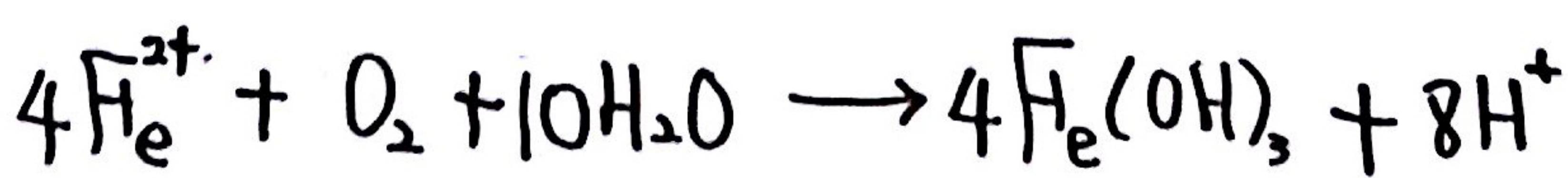
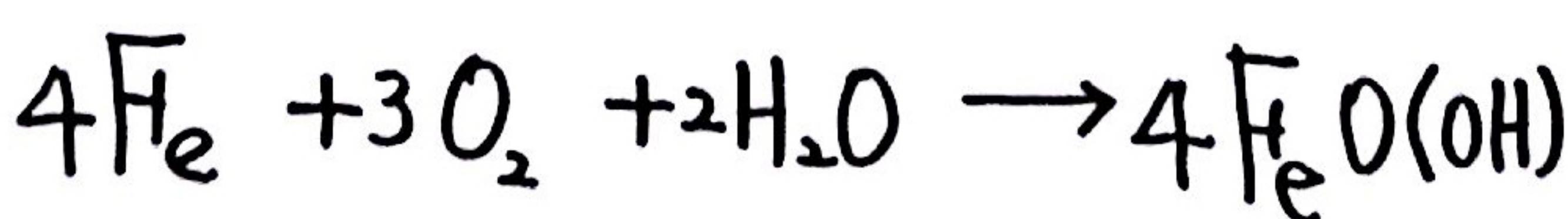
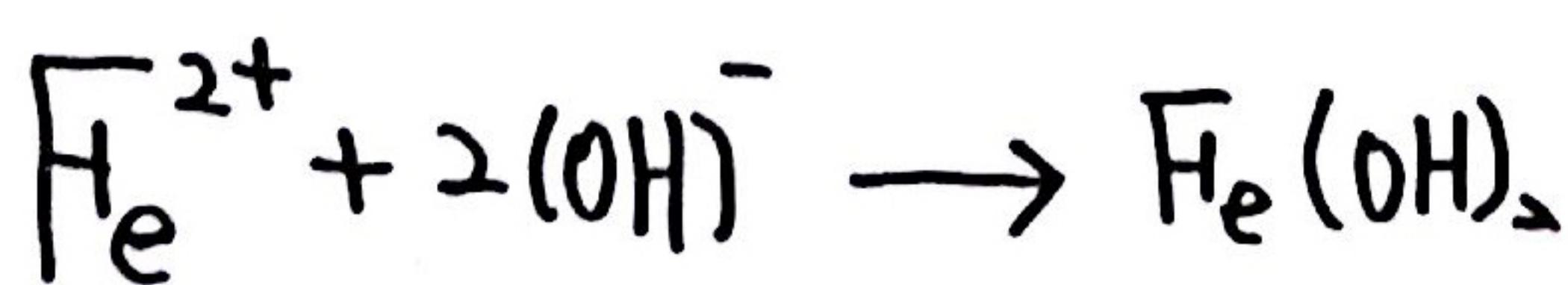
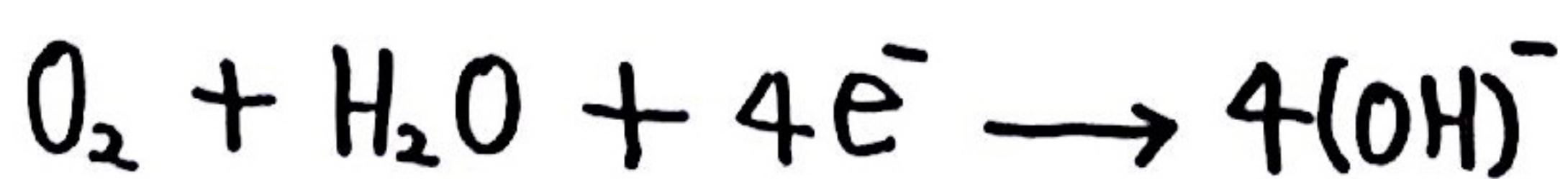
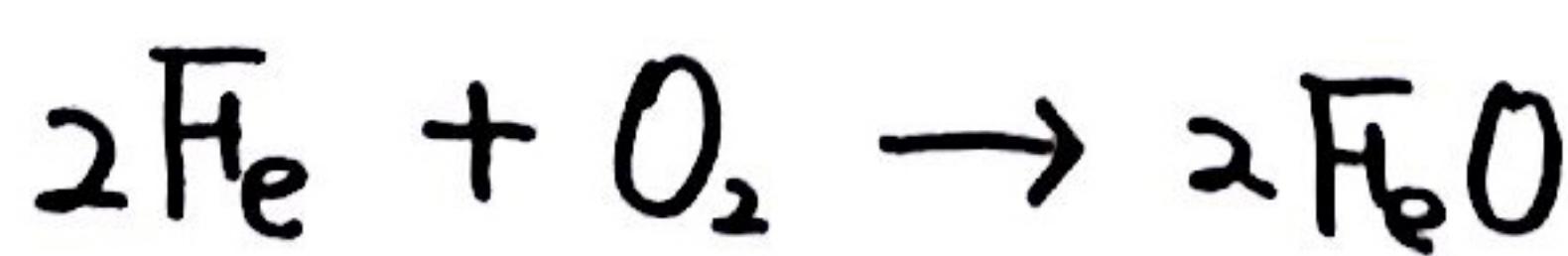
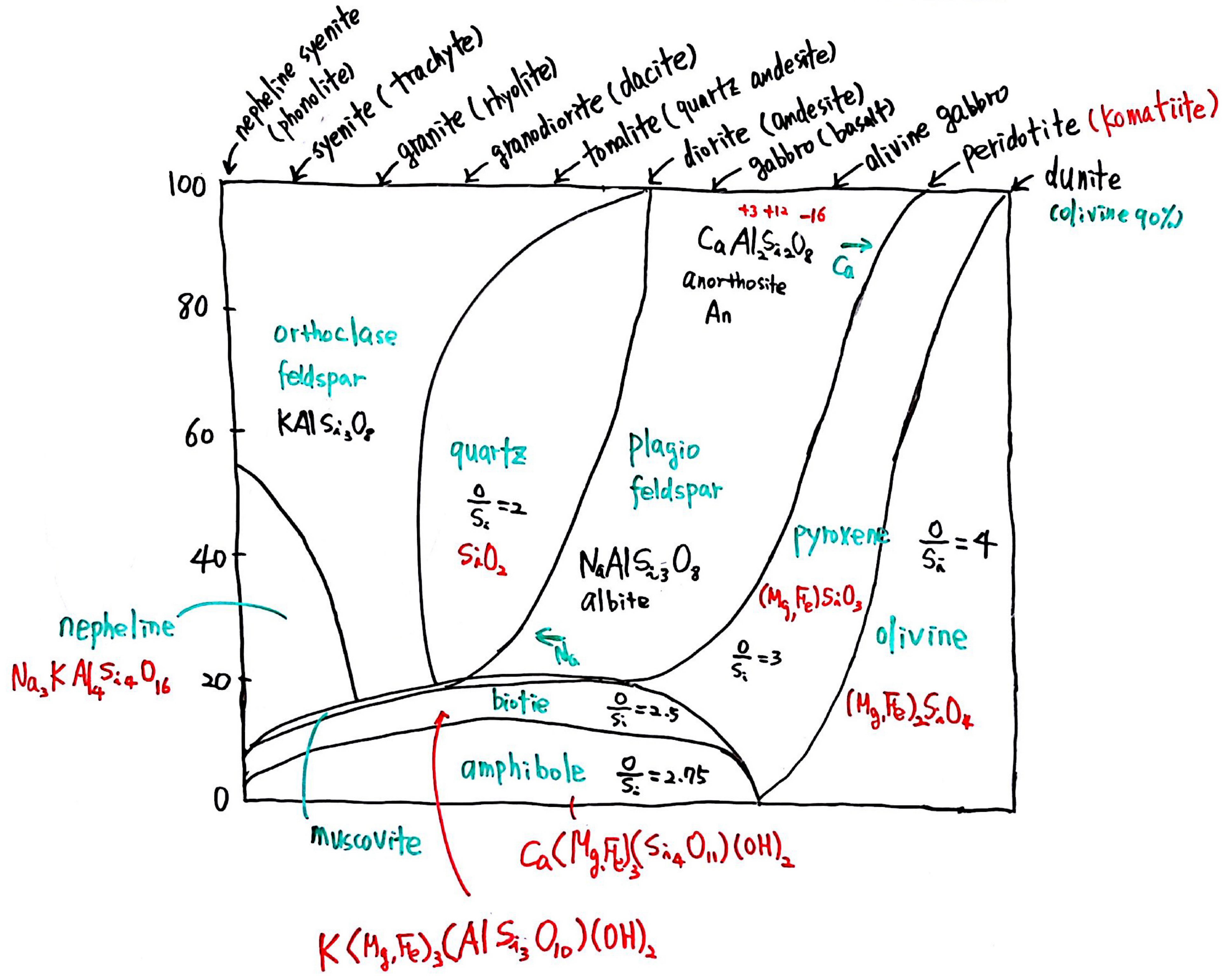


$\text{Fe}_2\text{O} \text{Fe}_2\text{O}_3 \Rightarrow$ Iron (II, III) oxide . magnetite
ferrous ferric oxide





O > Si > Al > Fe >

47

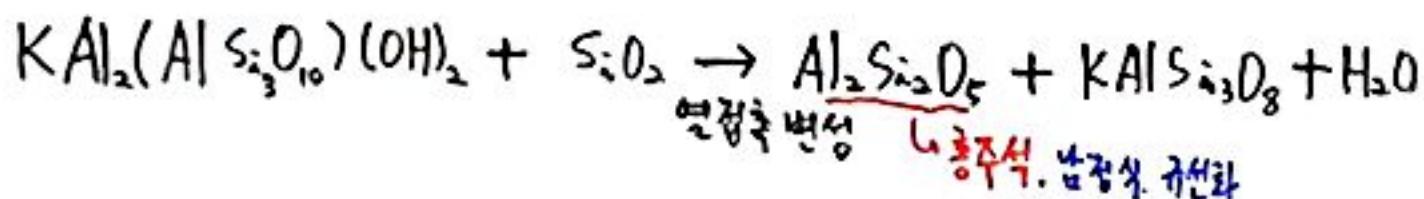
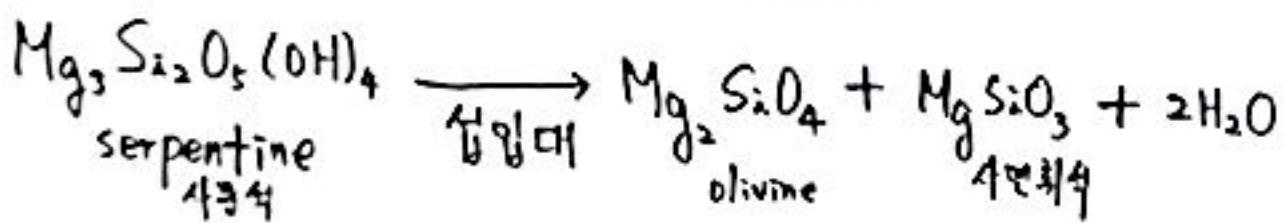
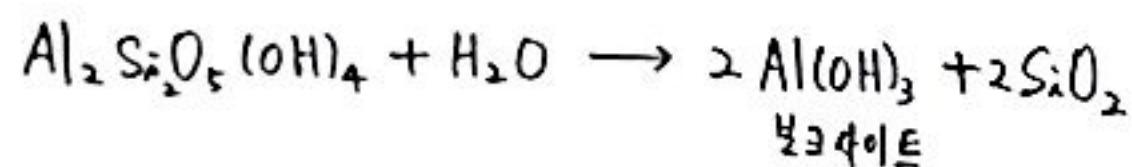
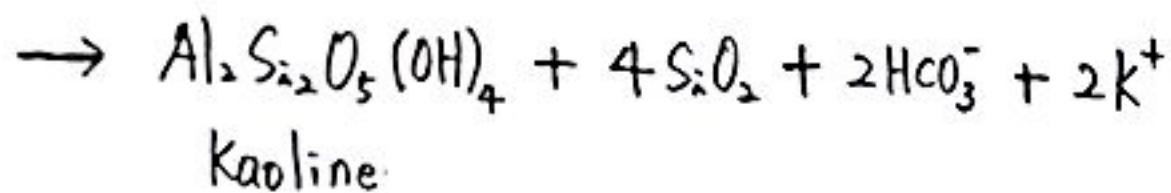
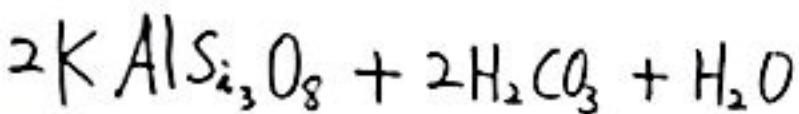
28

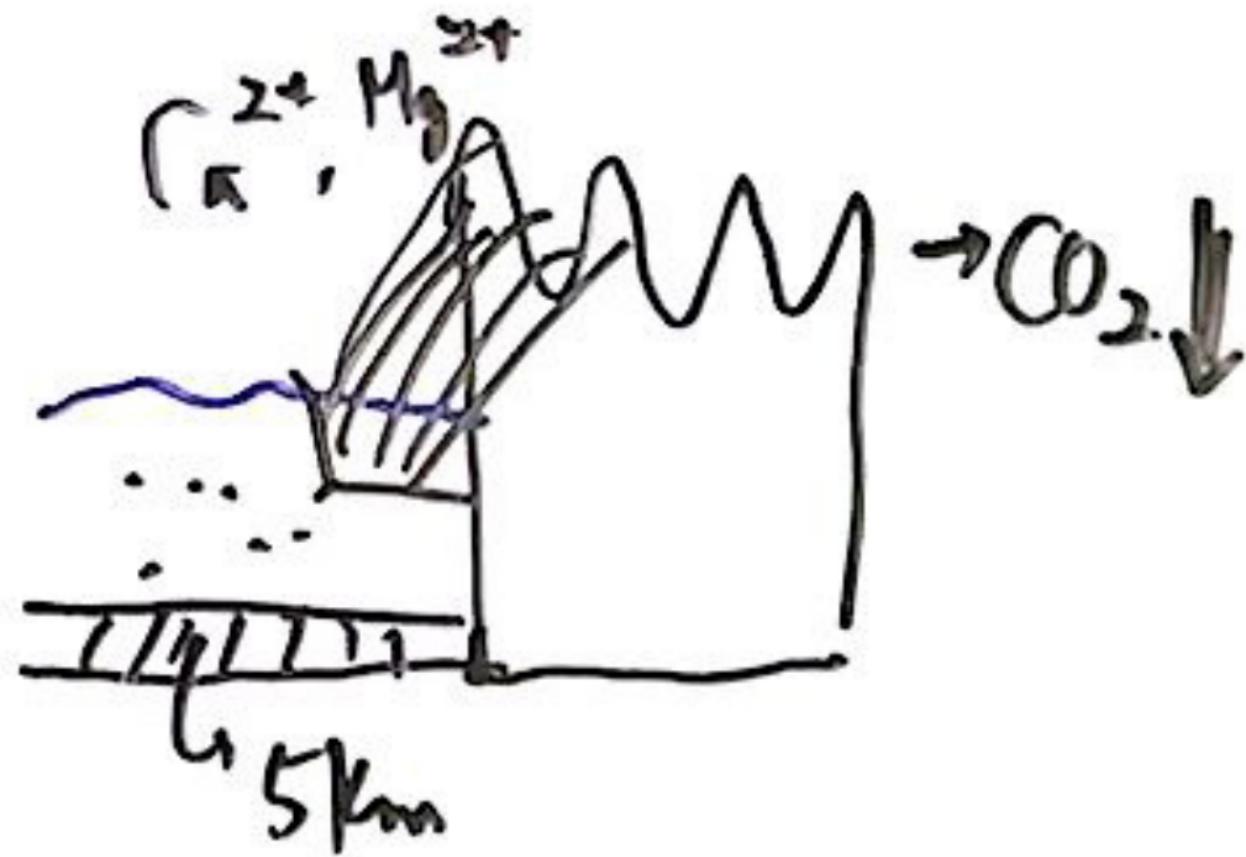
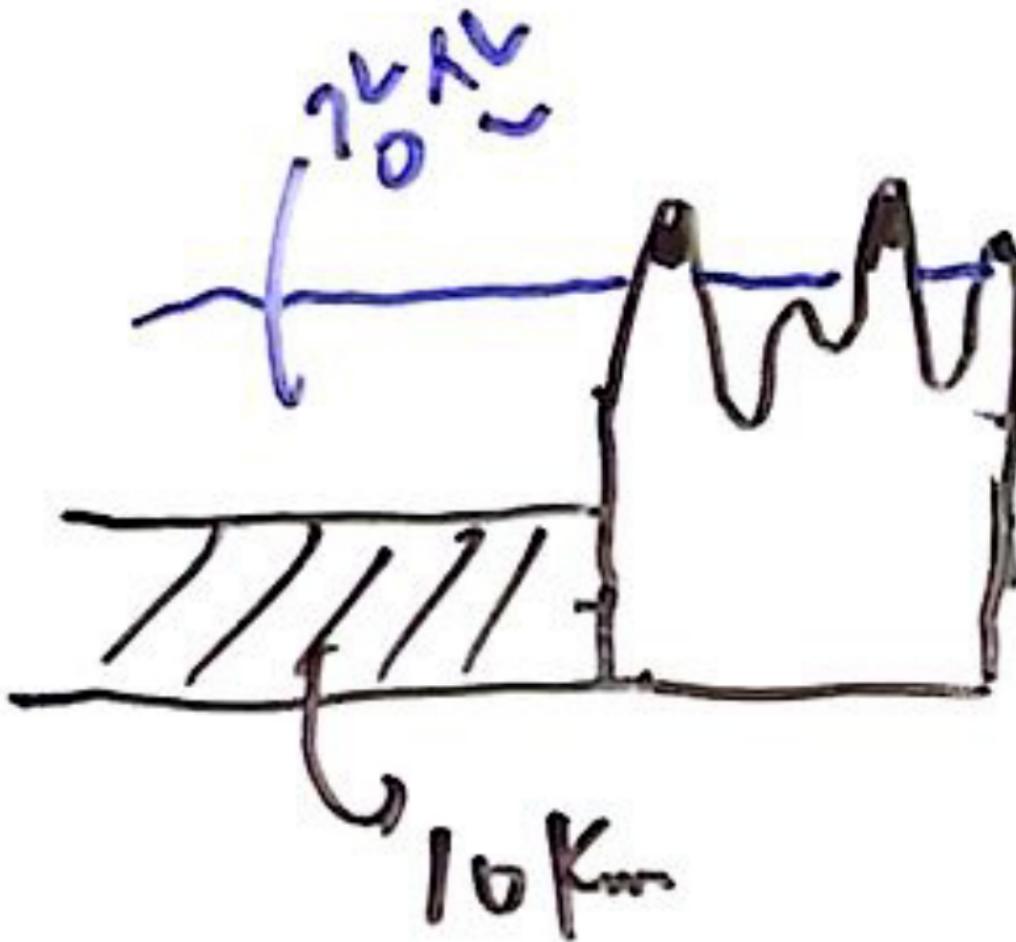
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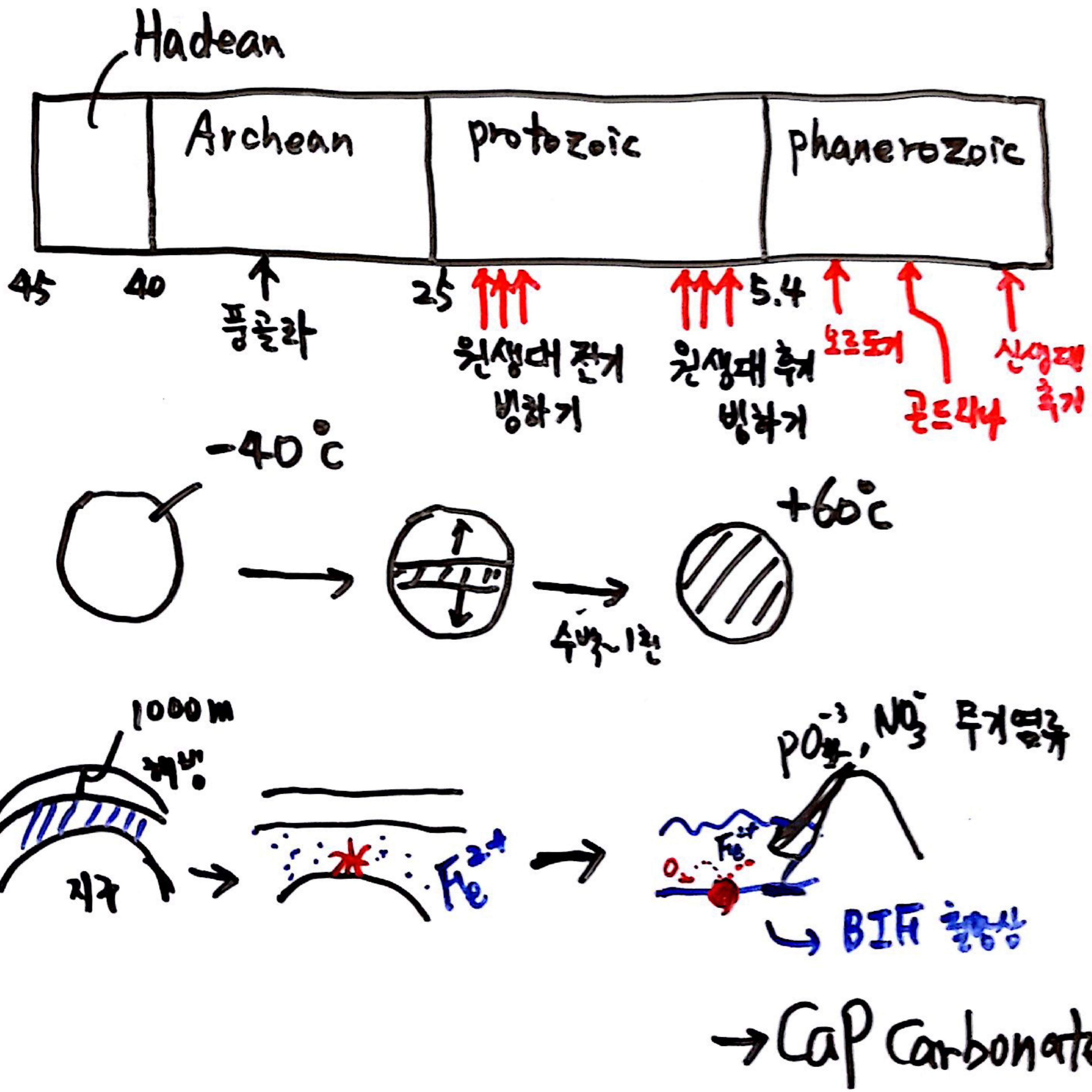
11

(Mg)
Ca
Na
K





Snow ball 눈덩이 지구



19, 24, 25, 27

↑ ↑ ↑ ↑
단일 맨홀대류 쌓임 외핵 지구
내핵 자장
오주 액체

