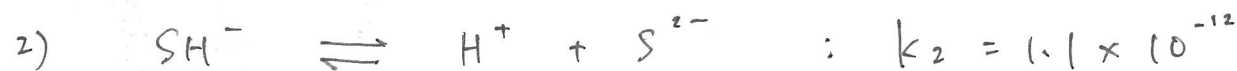


$$\left[\text{pH } 3.5, [\text{Ni}^{2+}] = 4 \text{ g/l}, [\text{Co}^{2+}] = \text{---} \text{ g/l}, [\text{Mn}^{2+}] = \text{---} \text{ g/l}, [\text{Cr}^{3+}] = \text{---} \text{ g/l}, [\text{Fe}^{2+}] = \text{---} \text{ g/l} \right]$$



$$K_{sp} : \textcircled{1} [\text{Zn}^{2+}] [\text{S}^{2-}] = 8.9 \times 10^{-25} \left[\frac{\text{mol}}{\text{l}} \right]^2$$

$$\boxed{\text{MS}} [\text{Ni}^{2+}] [\text{S}^{2-}] = \underline{2.8 \times 10^{-21}}$$

$$\textcircled{4} [\text{Fe}^{2+}] [\text{S}^{2-}] = 4.9 \times 10^{-18}$$

$$\boxed{\text{MS}} [\text{Co}^{2+}] [\text{S}^{2-}] =$$

$$\textcircled{2} [\text{Mn}^{2+}] [\text{S}^{2-}] =$$

$$[\text{Mg}^{2+}] [\text{S}^{2-}] =$$

$$\textcircled{3} [\text{Cr}^{3+}]^n [\text{S}^{2-}]^m =$$

$$\textcircled{5} [\text{Cu}^{2+}] [\text{S}^{2-}] =$$

MS : MS
 Critical : Critical
 @ MS-RXT : @ MS-RXT
 Non-Critical : Non-Critical
 @ MS-RXT : @ MS-RXT