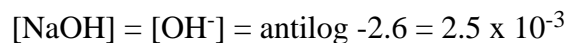
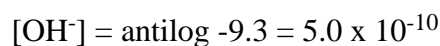
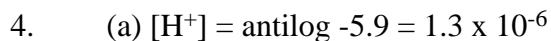
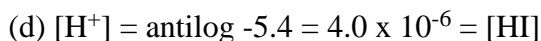


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ANSWERS TO PROBLEM SET 6



$$\begin{aligned} \text{mass NaOH} &= 0.650 \text{ L} \times \frac{0.0025 \text{ mol NaOH}}{1 \text{ L}} \times \frac{40.0 \text{ g NaOH}}{1 \text{ mol NaOH}} \\ &= 0.065 \text{ g NaOH} \end{aligned}$$



$$\begin{aligned} \text{mass HI} &= 0.0250 \text{ L} \times \frac{4.0 \times 10^{-6} \text{ mol HI}}{1 \text{ L}} \times \frac{127.9 \text{ g HI}}{1 \text{ mol HI}} \\ &= 1.3 \times 10^{-5} \text{ g HI} \end{aligned}$$

