

Chapter 4: Review questions for test

p. 154-158 # 4.71, 4.99, 4.101, 4.102, 4.109, 4.112, 4.114, 4.118, 4.121, 4.132

4.71 $V_{\text{initial}} = 3.00 \text{ mL}$

4.102 **conc. of HCl after reaction** = $1.26 \text{ mol/L} = 1.26 \text{ M}$

4.109 $\text{g BaSO}_4 = 43.4 \text{ g BaSO}_4$

4.110 **molarity NaOH** = 0.0722 M

4.114 **Molarity of final solution** = $1.73 \text{ mol/L} = 1.73 \text{ M}$

4.121 (b) $[\text{Pb}^{2+}] = 6.34 \times 10^{-5} \text{ M}$

4.132 $\text{g Fe}_2\text{O}_3 = 1.33 \text{ g Fe}_2\text{O}_3$