

Answers to Practice Final

1. 11.7L
2. 487 K
3. 9.35 g Si
4. 53.5%
5. 0.671 M
6. (Skip)
7. (Skip)
8. $\text{Ca}_3(\text{PO}_4)_2$
9. 1.61 M
10. Nitric Acid
11. 0.03 M
12. $\text{AlCl}_3 + 3\text{NaOH} \rightarrow 3\text{NaCl} + \text{Al}(\text{OH})_3$
13. $3\text{OH}^- + \text{Al}^{3+} \rightarrow \text{Al}(\text{OH})_3$
14. pH 2.36
15. 0.00269 M
16. Lewis structures done in class.....