Answers to Quarter 4 test Review problems:

1. 73.3 kPa
2. 734.5 mmHg
3. 3.0 L
4. it doubles as well
5. 56 L
6. 39.4 g CO2
7. H2
8. 4.53 g NaOH
9. 2, 3, 5 (it’s supposed to be Al3(CO3)2), 3
10. BP = 100.728oC, FP = -2.63oC
11. products are Na2SO4 and H2O, KNO3 and H2O – you can balance them
12. 1.35
13. 12.65
14. .00200 M OH-
15. .020 M H+
16. .77 M HNO3