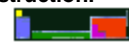


Revised August 2012



HONORS WORKSHEET 4d: ANSWERS

1. (a) 0.1359 g
(b) 0.4184 g
(c) 0.1883 g
2. (a) 297 g
(b) 9.985 moles or 179.9 g
3. 12
4. (a) $\text{Na}_2\text{CO}_{3(s)} + 2\text{HCl}_{(aq)} \rightarrow 2\text{NaCl}_{(aq)} + \text{CO}_{2(g)} + \text{H}_2\text{O}_{(l)}$
(b) 30.02 g
(c) HCl, 25.27 g