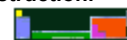


Revised August 2011



## HONORS WORKSHEET 4s: ANSWERS



- 1.6 moles
- $2.6 \times 10^{23}$  atoms
- 63.2 g
- 0.0508 moles
- Strontium
- $4.09 \times 10^{21}$  atoms
- 43.1 g
- 9.55 g
- C 52.2%, H 13.0%, O 34.8%
- Al 15.8%, S 28.1%, O 56.1%
- Al 14.5%, Fe 22.6%, C 29.0%, N 33.9%
- AgCl
- NaF
- $C_6H_6$
- $C_3H_6O_2$  is empirical and molecular
- $C_3H_8NBr$
- 70.0%
- 

- $Fe + CuSO_4 \rightarrow FeSO_4 + Cu$
- $CuSO_4$  is limiting, Fe is in excess
- 79.4 g
- 0.89 moles

- 2
- 

- 1.19 L
- $6.06 \times 10^{-3}$  moles

- 0.45 L