## General Chemistry Mr. MacGillivray Practice Problems: Molar Conversions

1)	15 apples to doz of apples
2)	15 dozen apples to apples
3)	20.0 mol of C to atoms of C
4)	20 atoms of C to mol of C
5)	10.0 lbs of apples to apples, if each apple has a weight of 0.500 lbs.
6)	25 apples to lbs of apples, if each apple has a weight of 0.500 lbs.
7)	What is the molar mass of glucose, $C_6H_{12}O_6$ , in g/mol?
8)	Convert 10.0 g of glucose to mol.
9)	Convert 10.0 mol of glucose to g.
10)	Which has a greater mass, 1 mol of CO <sub>2</sub> or 25 g of CO <sub>2</sub> ?
11)	Convert 10.0 g of glucose to molecules of glucose. (Two steps!)