## Mass Number Practice Answers

### Mass Numbers Practice

**Students Practice**

1. Give the number of protons and neutrons that are found in each of the following...

   - P-31
     - Protons (p) = 15
     - Neutrons (n) = 16
     - Mass Number = 31
   - Au-200
     - Protons (p) = 79
     - Neutrons (n) = 121
   - C-14
     - Protons (p) = 6
     - Neutrons (n) = 8
   - I-127
     - Protons (p) = 53
     - Neutrons (n) = 74
   - Ra-226
     - Protons (p) = 88
     - Neutrons (n) = 138
   - U-235
     - Protons (p) = 92
     - Neutrons (n) = 143

2. Write the symbol for atoms which have...

   - **Atom # = 30**
     - 30 protons & 35 neutrons
     - Mass Number = P + N
   - 82 protons & 125 neutrons
   - 1 proton & 1 neutron

**Teacher Practice**

- All Fluorine atoms have a mass of protons and neutrons that have 9 protons, an ns. (9 + 10 =19)
- Contains 17 protons

- An atomic number table is Chlorine... is the sum of the 35. Thus the