

NAME:

Unit 4 Hd 3

Protons, Neutrons, and Electrons Worksheet

Fill in the blanks

| Atomic symbol | Atomic number | Protons | Neutrons | Electrons | Atomic mass | Charge |
|---------------|---------------|---------|----------|-----------|-------------|--------|
| Pb | | 82 | | | | +2 |
| | | 34 | | | 79 | 0 |
| | 24 | | | 21 | | |
| | | | 10 | 9 | | 0 |
| | 41 | | | 35 | 93 | |
| P | 15 | | | | | -3 |
| Rb | | | | | 85 | +1 |
| | | 46 | | | 106 | 0 |
| | 76 | | 114 | 72 | | |
| | 19 | | | | 39 | 0 |
| Mo | | | | 36 | 96 | |
| | | 106 | | 106 | 265 | |
| | 87 | | | | 223 | 0 |
| Hg | | | | 78 | | |
| | | | | 54 | 131 | 0 |

| Symbol | Protons | Neutrons | Electrons | Charge |
|------------------------------|---------|----------|-----------|--------|
| | 8 | 9 | | 0 |
| | | 77 | 54 | 0 |
| ${}_{82}^{207}\text{Pb}$ | | | | |
| | | 12 | 12 | +1 |
| | 38 | 50 | | 0 |
| | | 14 | 10 | +3 |
| ${}_{92}^{238}\text{U}$ | | | | |
| ${}_{75}^{75}\text{As}^{+3}$ | | | | |
| ${}_{32}^{32}\text{S}^{-2}$ | | | | |
| | 106 | 157 | | 0 |
| | 11 | 12 | 11 | |
| | 7 | 14 | | -3 |
| ${}_{29}^{65}\text{Cu}$ | | | | |
| | | 126 | 84 | -1 |
| ${}_{8}^{120}\text{Hg}$ | | | | |
| | 47 | 61 | | +1 |
| | 40 | 51 | | 0 |
| | 24 | 28 | | +3 |
| ${}_{104}^{261}\text{Rf}$ | | | | |