

Fill in the blanks in the following table:

| Nuclear Symbol                | Charge | p <sup>+</sup> | e <sup>-</sup> | n <sup>0</sup> |
|-------------------------------|--------|----------------|----------------|----------------|
| ${}_{10}^{20}\text{Ne}$       | 0      | 10             | 10             | 12             |
| ${}_{35}^{80}\text{Br}$       | 0      | 35             | 35             | 46             |
| ${}_{47}^{107}\text{Ag}$      | 0      | 47             | 47             | 62             |
| ${}_{8}^{16}\text{O}$         | 0      | 8              | 8              | 10             |
| ${}_{12}^{24}\text{Mg}$       | 0      | 12             | 12             | 14             |
| ${}_{25}^{55}\text{Mn}$       | 0      | 25             | 25             | 31             |
| ${}_{29}^{63}\text{Cu}^{+}$   | 1+     | 29             | 28             | 36             |
| ${}_{16}^{32}\text{S}^{2-}$   | 2-     | 16             | 18             | 20             |
| ${}_{19}^{39}\text{K}^{+}$    | 1+     | 19             | 18             | 22             |
| ${}_{3}^{7}\text{Li}^{+}$     | 1+     | 3              | 2              | 4              |
| ${}_{50}^{117}\text{Sn}^{2+}$ | 2+     | 50             | 48             | 69             |
| ${}_{16}^{32}\text{S}^{2-}$   | 2-     | 16             | 18             | 17             |