

Name and period: \_\_\_\_\_

# 1 Atomic Structure

## 1.1 atomic number and mass

1. The \_\_\_\_\_ is the number of \_\_\_\_\_ in the nucleus of an atom.
2. The \_\_\_\_\_ is the total number of \_\_\_\_\_ and \_\_\_\_\_ in the nucleus of an atom.
3. In the following symbol:



What does the 1 mean?

---

---

---

4. The \_\_\_\_\_ is the number of \_\_\_\_\_ in the nucleus of an atom.
5. The \_\_\_\_\_ is the total number of \_\_\_\_\_ and \_\_\_\_\_ in the nucleus of an atom.
6. In the following symbol:



7. What does the 4 mean?

---

8. What does the 2 mean?

---

## 1.2 The Bohr model