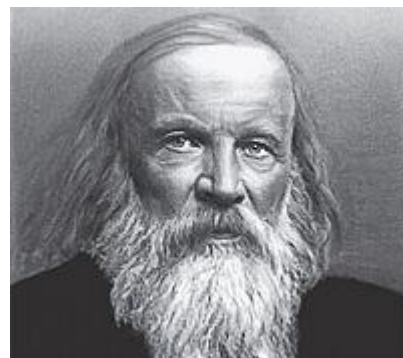


## Questions with the help of videos

Youtube:

1. Atoms explained (kurzgesagt) (5min);
2. The nucleus (crash course) (10 min);
3. The periodic table (crash course) (11 min).



Label the atom underneath with the words: Proton – neutron – electron

### Atoms

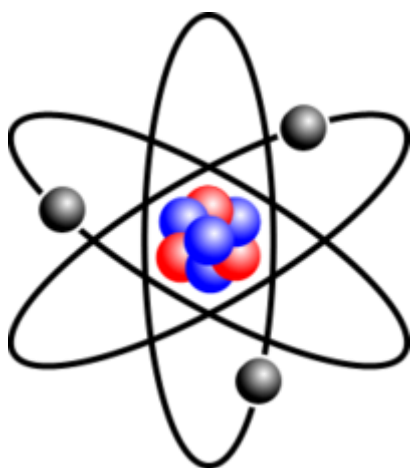
1. 99% of the mass of an atom is in the ...?
2. The number of protons in an atom is always equal to the ...?
3. The atomic number is the amount of ...?

### Intro periodic table

4. Who invented the first periodic table of elements?
5. What did he write on his pack of cards?
6. He left gaps because ...?

### Atomic structure

7. What's the element with the smallest number?
8. What's the maximum number of electrons in the second shell?



**Answers:**

- 1. The core of the atom, is called the nucleus (protons and neutrons)**
- 2. Number of electrons**
- 3. Protons (and also the number of electrons)**
- 4. Dmtri Mendeleev**
- 5. Names of elements and relative atomic mass**
- 6. He thought more elements would be discovered**
- 7. Hydrogen**
- 8. 8**