

1) What is a covalent chemical bond?

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2) An atom has 6 electrons and 6 neutrons. What is the mass number of this atom?

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3) When does an atom become a cation?

- 4) Orbitals within shells around the nucleus of an atom can each hold no more than how many electrons?
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- 5) How many electrons would aluminum, with an atomic number of 13, have in its valence shell?
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- 6) Which four of the natural 25 elements make up approximately 96% of living matter?