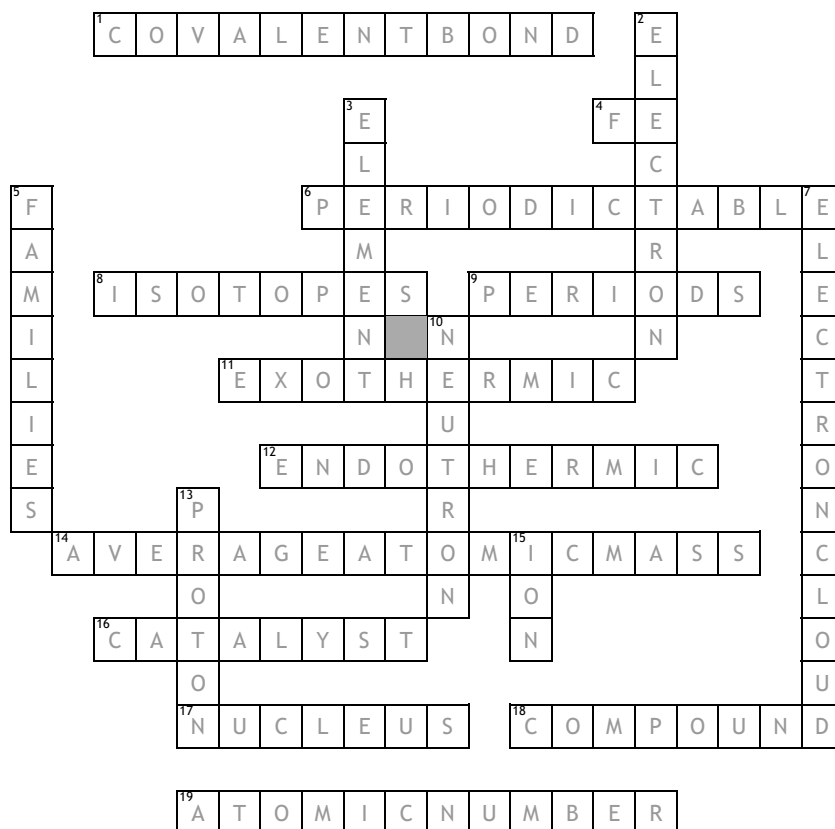


# Unit 3 Crossword Puzzle



## Across

1. Chemical bond by sharing of valence electrons
4. Symbol for Iron
6. Chart that shows the elements
8. Atoms of the same element that have different amounts of neutrons
9. Horizontal rows on the Periodic Table are called
11. Chemical Reaction that releases energy
12. Chemical reaction that absorbs energy
14. Average mass of an element's isotopes
16. Substance that speeds up a chemical reaction
17. Center part of an atom that holds protons and neutrons
18. When 2 or more elements combine
19. Number of protons in an atom

## Down

2. Negative charge of an atom
3. Substance that cannot be broken down into smaller parts
5. Vertical columns on the Periodic Table are called
7. Area in an atom where an electron is found
10. Neutral Charge of an atom
13. Positive charge of an atom
15. Atom that is no longer neutral because of gained/lost electrons