

**Directions:** Fill in the blank with the correct answer from the word bank below. (2pts each)

**Word Bank**

Mass	Energy	Nucleus	Hot	Solute	Valence
Cold	Insulator	Expand	Solvent	Equilibrium	Temperature
Contract	Protons	Dissolve	Space	Conductor	Families

14. Electrons in the outermost energy shell of an atom are called \_\_\_\_\_ electrons.
15. Different elements are made of atoms with different numbers of \_\_\_\_\_.
16. The center of an atom is called the \_\_\_\_\_.
- 17-18. Matter is anything that has \_\_\_\_\_ and takes up \_\_\_\_\_.
19. The different colored groups on the periodic table show the different element \_\_\_\_\_.
- 20-21. When you make Kool-Aid, the water in the pitcher is the \_\_\_\_\_ and the drink mix is the \_\_\_\_\_.
22. Salt can easily \_\_\_\_\_ in water, so we say salt has a high solubility.
- 23-24. Heat energy ALWAYS travels from \_\_\_\_\_ to \_\_\_\_\_.
25. A material that slows or stops the transfer of energy (like heat or electricity) is a(n) \_\_\_\_\_.
26. A material that easily allows the transfer of energy is known as a(n) \_\_\_\_\_.
27. When two items reach the same temperature, like juice in a cooler of ice, they have reached thermal \_\_\_\_\_.
28. When light waves are absorbed, they can transfer heat \_\_\_\_\_.
29. When the temperature rises, matter (solids, liquids and gases) will \_\_\_\_\_, or take up more space.
30. A thermometer is a device used to measure \_\_\_\_\_.

# 2nd Semester Test 6th Grade Science Review

**SA Adler**



## 2nd Semester Test 6th Grade Science Review:

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