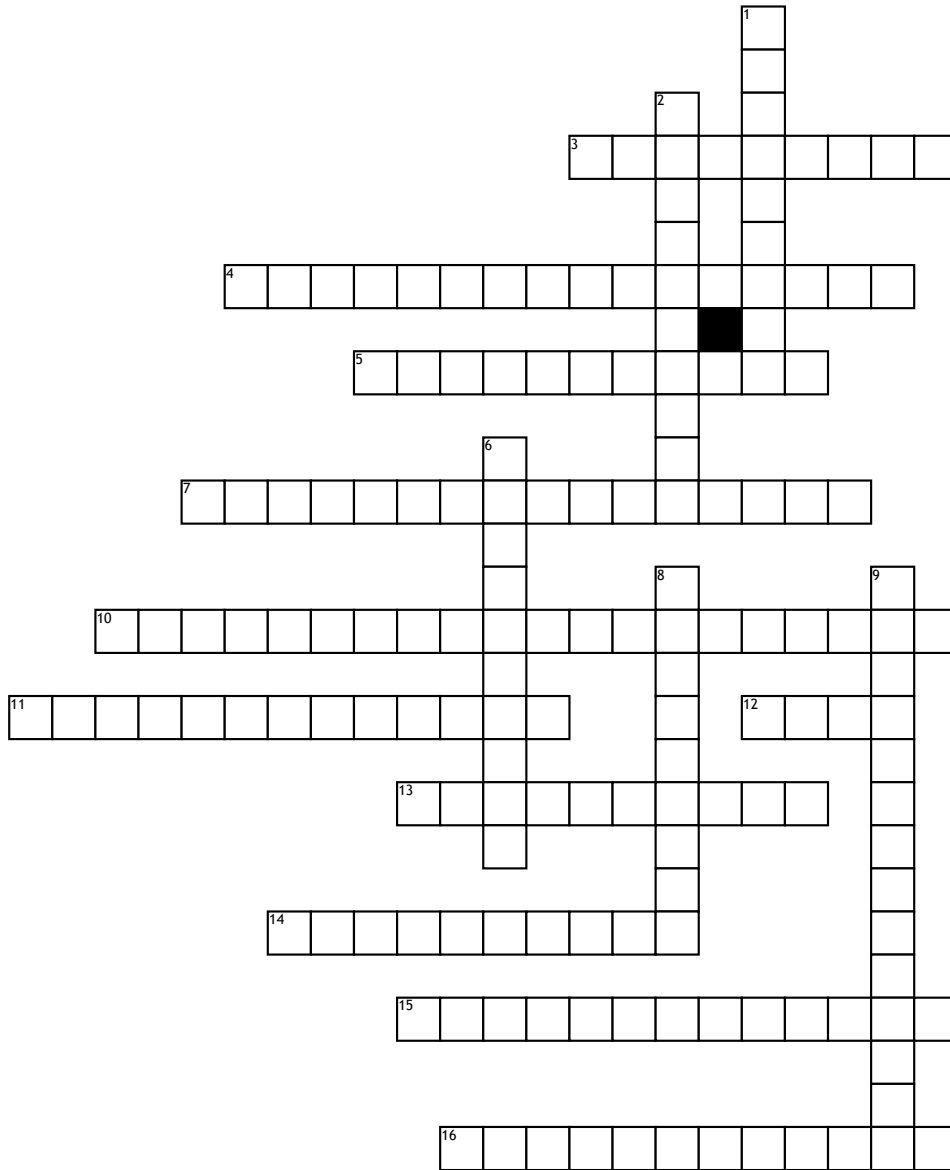


Name: _____

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Across

3. Substances that conduct thermal energy
 4. The excessive heating of a body of water
 5. The measure of the average kinetic energy of the particles of substance
 7. The increase in volume of a substance due to an increase in temp
 10. The amount of energy needed to change the temp of 1kg of a substance by 1C

11. Total energy of the particles that make up a substance
 12. The transfer of energy between two objects that are in different temps
 13. The transfer of thermal energy from one substance to another
 14. Transfer of thermal energy by the movement of a gas or liquid
 15. The conversion of a substance form one physical to the another

16. The lowest possibility of temperature

Down

1. Substances that don't conduct thermal energy
 2. A substance that reduces the transfer of thermal energy
 6. A machine that uses heat to do work
 8. Transfer of energy through matter or space
 9. Solid, liquid, gas