Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Core:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Term 5 Week 5

1. If the plunger of the syringe is pushed 2 mL, what will happen to the **number** of particles in the clamped syringe?
2. I have 30g of water. How many calories would it take to increase the temperature 15⁰C?

Cal = m x T

1. **An insulator is…**
	1. The transfer of energy
	2. The amount of energy something has
	3. Material that allows the transfer of energy
	4. Material that blocks the transfer of energy

 4-6. **Match the type of heat transfer with its definition**

Electromagnetic waves

Movement of liquid or gas because of difference in densities

Direct contact

Conduction

Radiation

Convection