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		nergy and t			
Define kinetic energy:					
Define potential energ					
What are all objects m					
Define internal energy	/:				
What is true of all ator	ms and mo	lecules?			
What type of energy d	o moving I	particles contair	ו?		
What measurement is	related to	the motion of p	particles?		
Define temperature : _					
What temperature sca What is the mathemat					
	ical relatio	onship between	these scales	?	
What is the mathemat	ical relatio ale will alv	onship between vays report the	these scales higher numb	?	
What is the mathemat Which temperature sc Convert between the 100°C =	ical relatio ale will alw temperatu _ K	onship between vays report the ire scales belov 400 K =	these scales figher numb /. °C	? er? 20°C =	K
What is the mathemat Which temperature sc Convert between the	ical relatio ale will alw temperatu _ K	onship between vays report the ire scales belov	these scales figher numb /. °C	? er?	K
What is the mathemat Which temperature sc Convert between the 100°C =	ical relatio ale will alw temperatu _ K _ °C	onship between vays report the ire scales belov 400 K = -15°C =	these scales higher numb 	er? 20°C = 273 K =	K °C
What is the mathemat Which temperature sc Convert between the 100°C = 350 K =	ical relatio ale will alw temperatu _ K _ °C eeded to n	onship between vays report the ire scales belov 400 K = -15°C = nake a chemical	these scales higher numb /. °C K bond stored	er? 20°C = 273 K = ?	K °C
What is the mathemat Which temperature sc Convert between the 100°C = 350 K = Where is the energy no	ical relatio ale will alw temperatu _ K _ °C eeded to n hergy store	onship between vays report the are scales below 400 K = -15°C = nake a chemical ed in these bond	these scales higher numb /. °C K bond stored ds?	er? 20°C = 273 K = ?	K °C
What is the mathemat Which temperature sc Convert between the 100°C = 350 K = Where is the energy no What do we call the er	ical relation ale will alw temperatu _ K _ °C eeded to n hergy store y consider	onship between vays report the ire scales below 400 K = -15°C = nake a chemical ed in these bond ed <i>potential end</i>	these scales higher numb 	er? 20°C = 273 K = ?	K °C
What is the mathemat Which temperature sc Convert between the 100°C = 350 K = Where is the energy no What do we call the er Why is chemical energ	ical relation ale will alw temperatu _ K _ °C eeded to n hergy store y consider y:	onship between vays report the are scales below 400 K = -15°C = nake a chemical ed in these bond ed <i>potential end</i>	these scales higher numb °C K bond stored ds? ergy?	? er? 20°C = 273 K = ?	K °C

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What does ΔT stand for	?						
) value of Q mean?						
What does a negative (-) value of Q mean?							
	ergy would be gained by the piece o e to the right? The specific heat of	f iron shown below if it underwent iron is 0.450 J/g●°C.					
Mass =	Specific Heat =	ΔT =					
Solve for Q:							
Transmitting Heat THR	OUGH Objects:						
How does heat travel th	nrough a solid ?						
What states of matter a	re considered fluids ?						
How does heat travel <i>through</i> a fluid ?							
What allows liquids and	gases to transmit heat this way?						
What happens to a fluid as it is heated?							
What happens to a fluid as it is cooled?							
What does heating and cooling a fluids cause?							
Transferring Heat BETV	VEEN Objects:						
How does heat travel between objects in direct contact ?							
Which states of matter transfer heat this way?							
When is the energy transferred?							
How does heat travel between objects that are not touching ?							
What kind of wave is radiation?							
What objects emit radia	ition?						
What kind of EM radiat	ion is often referred to as <i>heat wave</i>	s?					
Where does most of the	e Earth's energy get radiated from?						
Which colors absorb rac	diation better?						
Which color absorbs the	e most radiation?						
What do insulators do?							