## Forms of Energy and Energy Transformations

	fy and describe the diffe explain examples of energ	·	tial and kinetic energy			
Potential and Kinetic  Identify each of the	•	gy as either potent	ial energy (P) or kinetic energy (K).			
Sound	Nuclear	Elastic	Electric			
Chemical	Chemical Gravitational Thermal		Electromagnetic	Electromagnetic		
a. Choose one of	f the above forms of pot	tential energy and d	escribe why it fits in this category.			
h Chaosa ana at	f the above forms of kin	atic anangy and dae	cribe why it fits inthis category.			
D. Choose one of	THE above forms of kin	enc energy and des	cribe why it fits in this caregory.			
Forms of Energy  Match the energy fo	rm(s) to the description	provided. Question	is may have more than one answer.			
I. A	boulder at the top of a l	a. Translational motion	I			
2. Re	elease of energy from the	b. Electric				
3. A d	c. Electromagnetic (rad	liant)				
4. Bo	atteries not in use	d. Chemical				
5. Th	5. The energy that runs a refrigerator					
6. Nu	ıclear fission reactors	f. Sound				
7. Tł	ne thunder from a storn	g. Elastic				
8. Ru	8. Rubbing your handstogether					
9. <i>G</i> c	i. Rotational motion					
10 F	ood before it is eaten	i. Thermal (heat)				

	11. A guitar string vibrating
	12. A top spinning
·-	13. Sledding down a hill
	14. Candle burning
	15. A taut rubber band (fully stretched)
	ormation of Energy II be a scenario with the following energy transformations (do not include examples from above):
	Electric energy being converted into sound energy
b.	Chemical energy being converted to motion energy
c.	Thermal energy being converted to sound energy
d.	Gravitational potential energy being converted to motion energy
e.	Electric energy being converted into electromagnetic energy