•	i (
Study Guide for Energy, Motion, and	Gravity Name
Use the diagrams below to answer the	· · · · · · · · · · · · · · · · · · ·
- G	4 ·
	Λ
	nich letter shows the ball with the most potential energy? R
	nich letter shows the ball with the least kinetic energy?
	nich letter shows the ball with a little less potential energy than F? C
	nich letter shows the ball with a little more potential energy than D? E
	nich letter shoes the ball with a little less kinetic energy than G? A
	nich letter shows the ball with a little more kinetic energy than B? _ F
Use the diagrams below to answer the	questions:
Potential and Kinetic Energy	
, g c	
7. W	nich letter shows the most potential energy?
	nich letter shows the most kinetic energy?
	nich letter shows a little more kinetic energy than C?
A Definition of the second	
E	
	70 C 1 A
	etters have a little more potential energy than B? (4 + 14)
	etters have a little more kinetic energy than F? $+ c$.
	ter has the most kinetic energy? rect answer: (Use your notes as a resource)
	the ability to (do work) not do work).
of \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	as the ability to make things (move eat).
	old) is always created when energy changes forms.
	🍞/ secondary) source of energy is found in nature.
17. A (primary/ secondary) source	of energy is made from a primary source with the help of man-made
tools.	
List the correct type of energy: Use yo	ur energy booklet in Canvas as a resource.
18. <u>Kinetic</u>	energy (The energy of moving things)
19. Thermal	energy (The vibration of particles. The more they vibrate, the more
heat energy they have.)	
20. Chamical	energy (Holds the atoms of molecules together. It can be released by
chemical reactions like burning)	average (Flore d. in morelesse of stores. It movement the grap)
21. Nuclear 22. Sprind	energy (Found in nucleus of atoms. It powers the sun) energy (Vibration of air molecules that move the tiny bones of ear)
23. Radiant	energy (Carried by light)
24. Flectromagnetic	energy (ex. Microwaves, gamma rays, visible light, x-rays)
25. £1/00/00/	energy (movement of electrons through matter. An example is
electricity.)	
True or False_	
	has notantial anarous

A dead tree still has potential energy.

A hamburger does not have potential energy.

Lightning is a secondary source of energy.

28.

Energy has mass and takes up space. 29.

30. Energy can be changed from one form to another.

New energy can be created and old energy can be destroyed.

32.	A dead body has no potential energy.		
	Only moving things have energy.		
	Nuclear energy powers the sun.		
35.	Everything has the same amount of energy.		
36.			
37.			
	Circuits (True or False).		
38.	Batteries have potential energy stored in them.		
39.	Batteries have chemical energy stored in them.		
40.	A battery can convert stored chemical energy into electrical energy.		
41.	Electricity travels in a turbine.		
42.	42. Conductors do not allow electrons to flow.		
43.	Insulators do not allow electrons to flow.		
	Answer the following from your notes on circuits:		
44.	List four parts of a circuit. Wire, load, Switch, energy source.		
	Wire, load, Switch, Phergy Stelle.		
Label	the diagrams below as closed or open circuits.		
	45 Closed open		
	45 CWY.C - WCVI		
	46. Electricity always flows in a circuit from the pole		
	of a battery to itspole.		
	47. The flow of electricity creates and electric CUTY CAT.		
	Name the Ministrial Commence at the towards have each remarkable ladere		
	Name the Electrical Component that matches each symbol below.		

,

Symbol	Electrical Component	
+ - -	Zhalleries	,
- M	Motor	
-0.0	Open Circuit	
-0-0-	Closed Circui	+
-⊗-	Light	,
	wire.	