Quizizz	NAME :	
Energy Transformations	CLASS:	
	DATE:	
20 Questions		

1. Mechanical	energy		
☐ a) energy bu	ilt up before being in n	notion \Box b) energy released in a chemical react	ior
☐ c) energy of r	motion	\square d) sum of kinetic and potential energy	,
	o the Law of Conserva		
☐ a) destroyed	, destroyed	☐ b) created, saved	
☐ c) created, de	estroyed	☐ d) lost, found	
3. What is ene	ergy changing from one	e form to another?	
☐ a) energy cor	nservation	\square b) energy transformation	
☐ c) energy cre	ation	☐ d) mechanical energy	
4.		Which energy conversion is taking place when you pugasoline in a car?	лt

☐ b) mechanical -> electrical

 \square d) mechanical -> electromagnetic

 \square a) thermal -> electrical

 \square c) chemical -> mechanical

5.



what type of energy is stored in a battery?

- ☐ a) electrical
- \Box c) thermal

- ☐ b) chemical
- ☐ d) mechanical

6.



When you eat pizza, Chemical Energy is transferred to _____ Energy.

- ☐ a) Solar
- ☐ c) Mechanical

- ☐ b) Electrical
- ☐ d) Chemical

7.



Solar Energy is transferred to _____ Energy.

- ☐ a) Mechanical
- ☐ c) Sound

- ☐ b) Solar
- ☐ d) Electrical

8.



Electrical Energy is transferred to _____ Energy.

- ☐ a) Thermal
- ☐ c) Electrical

- ☐ b) Solar
- ☐ d) None

9.



Mechanical Energy is transferred to _____ Energy.

☐ b) Gravitational Energy

☐ d) Nuclear Energy

☐ a) Solar	☐ b) Mechanical
☐ c) Electrical	☐ d) Potential
10.	The picture shows a microwave oven. As a microwave oven is operated, electrical energy is transformed into all of the following types of energy EXCEPT —
☐ a) solar	☐ b) light
☐ c) thermal	☐ d) mechanical
11. Electrical -> Mechanical -> Sound	
☐ a) A triple beam balance measurin object's mass	g an
☐ c) A projector displaying a diagran screen	on the \Box d) A working flashlight used to light up a dark corner
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12. Energy you get from eating an ap□ a) nuclear energy	□ b) electromagnetic energy
	☐ d) chemical energy
☐ c) sound energy	☐ d) chemical energy
13. What energy is given off when a	cell phone rings?

☐ a) Sound Energy

☐ c) Thermal Energy

14. Which energy transformation occurs in a toaster?		
\square a) chemical to electric	☐ b) electric to thermal	
\square c) kinetic to chemical	\square d) thermal to potential	
15.	Can you create energy?	
☐ a) Yes	☐ b) No	
16.	Can you destroy energy?	
□ a) Yes	□ b) No	
17.	Making a Fruit Smoothie is YUMMY! Plug a Blender into the wall outlet, and you're ready to go. Which choice below BEST shows the energy transformation of making a smoothie?	
☐ a) Electrical to Kinetic	☐ b) Electrical to Chemical	
☐ c) Mechanical to Sound	☐ d) Kinetic to Thermal	
 18. A hot air balloon has the following energy transformations □ a) Thermal-Chemical-Electrical □ b) Chemical-thermal-mechanical 		
☐ c) Thermal-Mechanical	☐ d) Thermal-Chemical	

 \square d) electricity

 $\ \square$ c) natural gas

19. Mr. Huff's students are complaint classroom. He plugs in a fan and transformation now occurs?	
\square a) mechanical to electrical	☐ b) electrical to mechanical
☐ c) chemical to mechanical	☐ d) electromagnetic to mechanical
20.	In a nuclear power plant, uranium atoms are split in a process called "fission." This releases a tremendous amount of energy. In order to provide this energy to factories and homes, the power plant converts the energy to –
☐ a) water	□ b) oil

Answer Key

d
 c
 b

C

b

4.

5.

6. c 7. d 8. a 9. c 11. b12. d13. a

17. a
18. b
19. b
20. d

16. b

10. a

14. b15. b