

Name: _____

Date: _____

Science
Ch. 10 Review
Energy

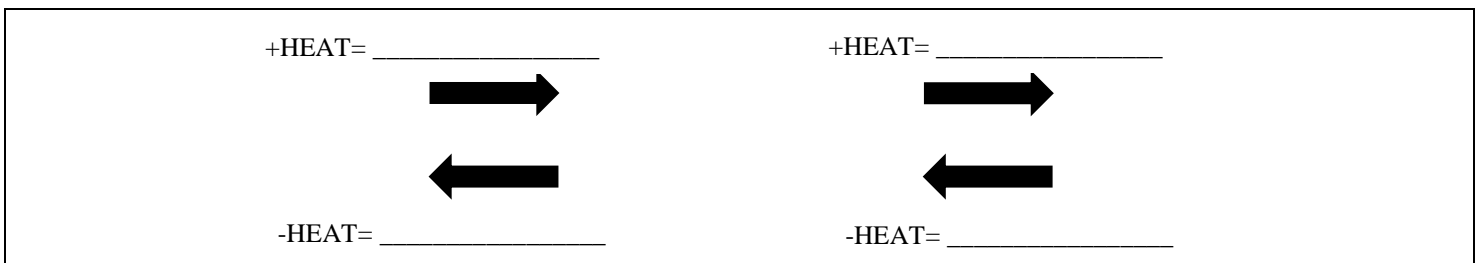
Match the vocabulary words in the box to their definition below. Use the page numbers if you need help. Not all the words will be used.

energy (pg. 306)	matter (pg. 306)	kinetic energy (pg. 307)	potential energy (pg. 307)
thermal energy (pg. 308)	conduction (pg. 315)	convection (pg. 316)	sound waves (pg. 322)
eardrum (pg. 323)	echo (pg. 323)	light waves (pg. 330)	reflect (pg. 332)
refract (pg. 333)	translucent (pg. 334)	transparent (pg. 334)	opaque (pg. 334)

1. The energy of moving matter _____
2. The bouncing of a light wave off a surface _____
3. Up and down energy waves that you can see _____
4. The transfer of thermal energy through matter when they touch _____
5. The energy of motion _____
6. The back and forth patterns caused by energy moving through matter that you hear _____
7. Anything that takes up space _____
8. A thin piece of skin in the middle ear that vibrates _____
9. Lets some light through and absorbs some _____
10. The ability to cause change _____
11. The bending of light energy wave _____
12. Stored energy waiting to be used _____
13. The movement of thermal energy in a circle _____
14. Lets all the light waves through _____

15.) Describe the 3 states of matter. Draw a picture of each. Label the adding and subtracting of heat.

- A.) _____ B.) _____ C.) _____
- _____
- _____



16.) Compare *conduction*, *convection*, and *radiation*. Draw a picture of each.

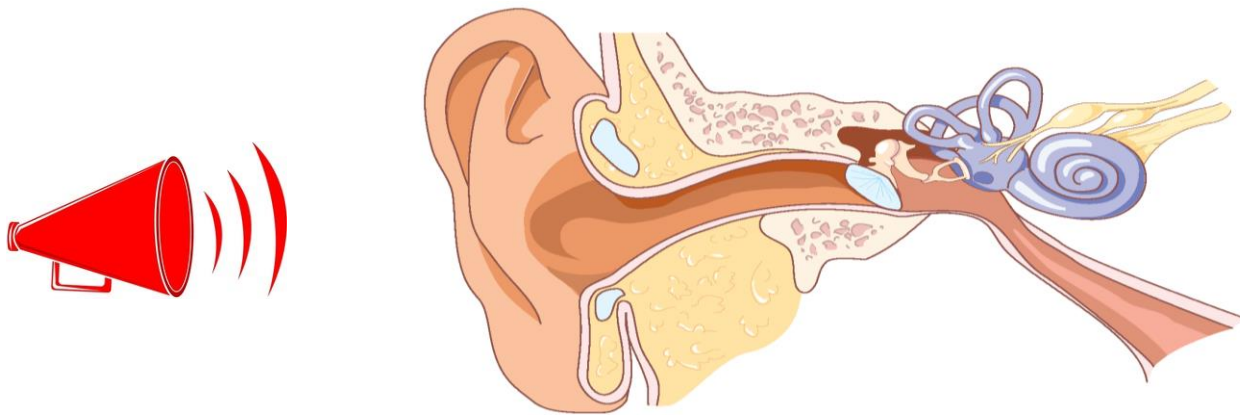
Conduction: _____

Convection: _____

Radiation: _____

17.) How is sound made?

18.) Label the steps of how we hear sound.



A: _____

B: _____

C: _____

D: _____

19.) How does light help me see?

20.) Compare light *reflecting* and *refracting*

Reflect: _____ Refract: _____

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21.) Match the object with the correct word.

Transparent

Translucent

Opaque

