

Science Homework #19

SECTIONS 3A, B, C, D, & E

JANUARY 27-31, 2025

Homework

- Read the passage “Babysitting” and answer the questions.
- Complete the Crossword Puzzle on Forms of Energy

Contact Me

laura.hernandez@archimedeian.org

Vocabulary

[Topic 3 Forms of Energy Vocabulary](#)



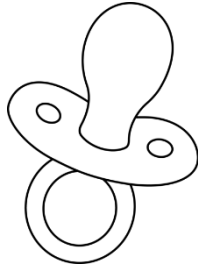
Reminders

- **Forms of Energy Quiz, Friday 1/31**
- HW due Monday, 2/3/25



Forms of Energy

Directions: As you read through the passage, underline any examples that describe a type of energy. (Mechanical, Light, Electrical, Sound, Heat, Chemical)



Babysitting

I am not very fond of babysitting. I definitely have things that I would rather be doing. Here are a couple of reasons why I do not like babysitting.

One reason why I do not like babysitting is that the babies never want to sit still. They are always trying to crawl all over the house and get into trouble. I guess if I had just been born, I would want to see the whole world, too, so I guess I can understand that.

Another reason why I do not like babysitting is the amount of times a day that they cry. Babies cry whenever anything happens and it is so loud, I cannot concentrate on anything. I guess they make kind of cute noises, too. And their laugh is funny to hear... But their crying is still loud.

Babies always want to put things in their mouths, too. Whenever I am trying to play on my cell phone, my baby brother tries to rub his mouth all over it and then I have to clean it off. He must be attracted by the light the cell phone makes or maybe he hears the videos that I play. I guess he is trying to learn about the world. Maybe I should help him learn.

You know what? Babies makes some cute sounds and I like that they are trying to learn about the world around them. Maybe the next time I babysit, I will help my little brother learn. I guess babysitting isn't so bad.

Name: _____

Use what you learned about the passage the answer the following questions.

1. What examples of mechanical energy were present in the passage?

2. What example of light energy was present in the passage?

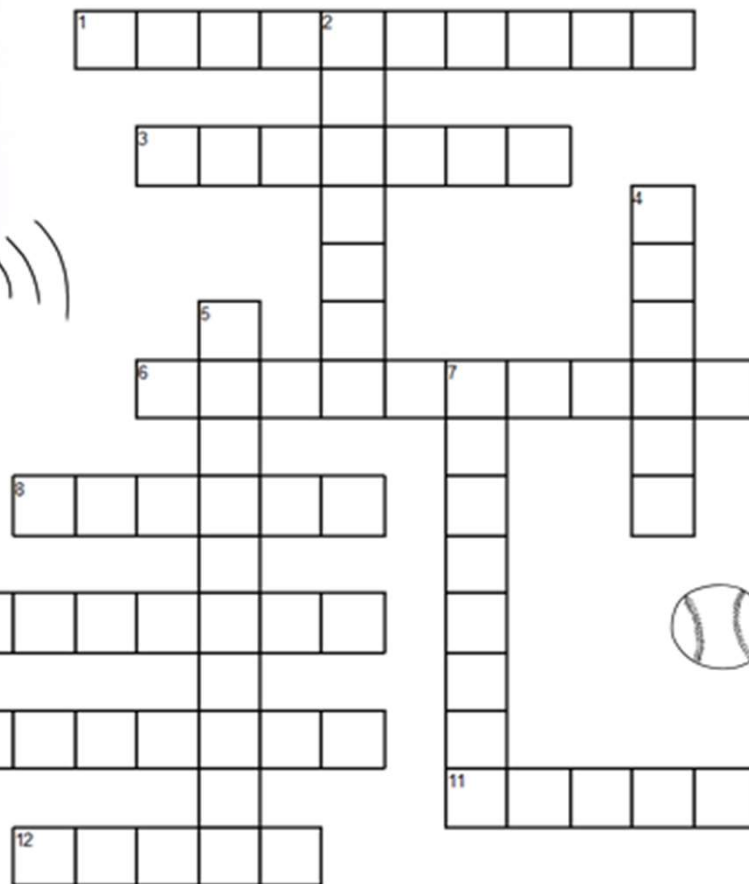
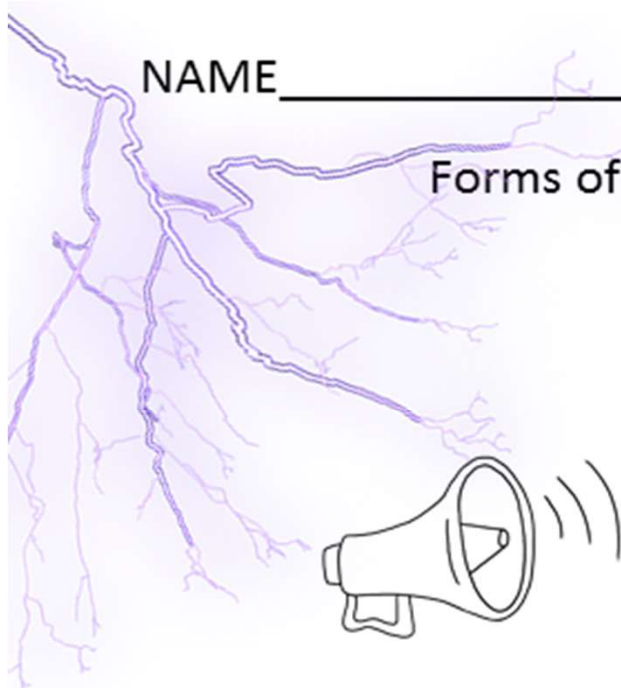
3. What types of energy does the cell phone in this story have?

4. What other examples of electrical energy could you observe while babysitting?

5. How did the narrator's feelings about babysitting change from the beginning of the story to the end of the story?

NAME _____

Forms of Energy Crossword Review



ACROSS

- 1 energy caused by the movement of electrical charges
- 3 The energy of motion
- 6 when light or sound waves bounce off an object
- 8 the ability to cause motion or create change
- 9 an objects potential energy plus its kinetic energy
- 10 The energy on object has because of it position (stored energy)
- 11 energy that can be seen and can travel through space
- 12 travels in waves vibrating through matter

DOWN

- 2 the energy of moving particles or heat energy
- 4 Sound waves that do not bounce off a material, instead they go into the material
- 5 when light bends as it passes from one material to another
- 7 energy that is stored in substances

Word Bank

sound	light
energy	thermal
kinetic	mechanical
absorb	refraction
chemical	reflect
electrical	potential