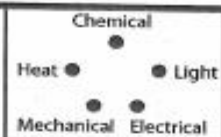


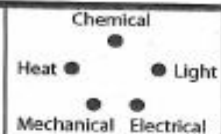
ENERGY CONNECTIONS

Identify the energy transformation shown by each picture. Draw a line in the diagram connecting the initial energy form and the final energy form.

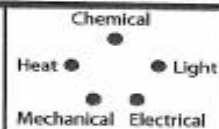
Frying an egg



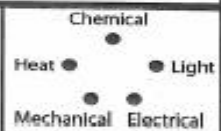
Fire



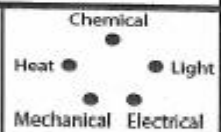
Sanding a board



Glow-stick



Iron

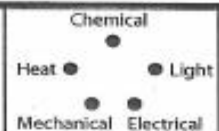


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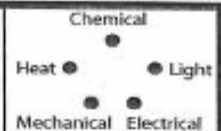
ENERGY CONNECTIONS

Identify the energy transformation shown by each picture. Draw a line in the diagram connecting the initial energy form and the final energy form.

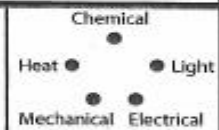
Battery-operated calculator



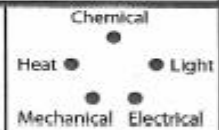
Lighting a match



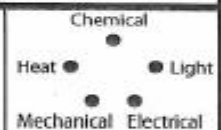
Lamp



Fan



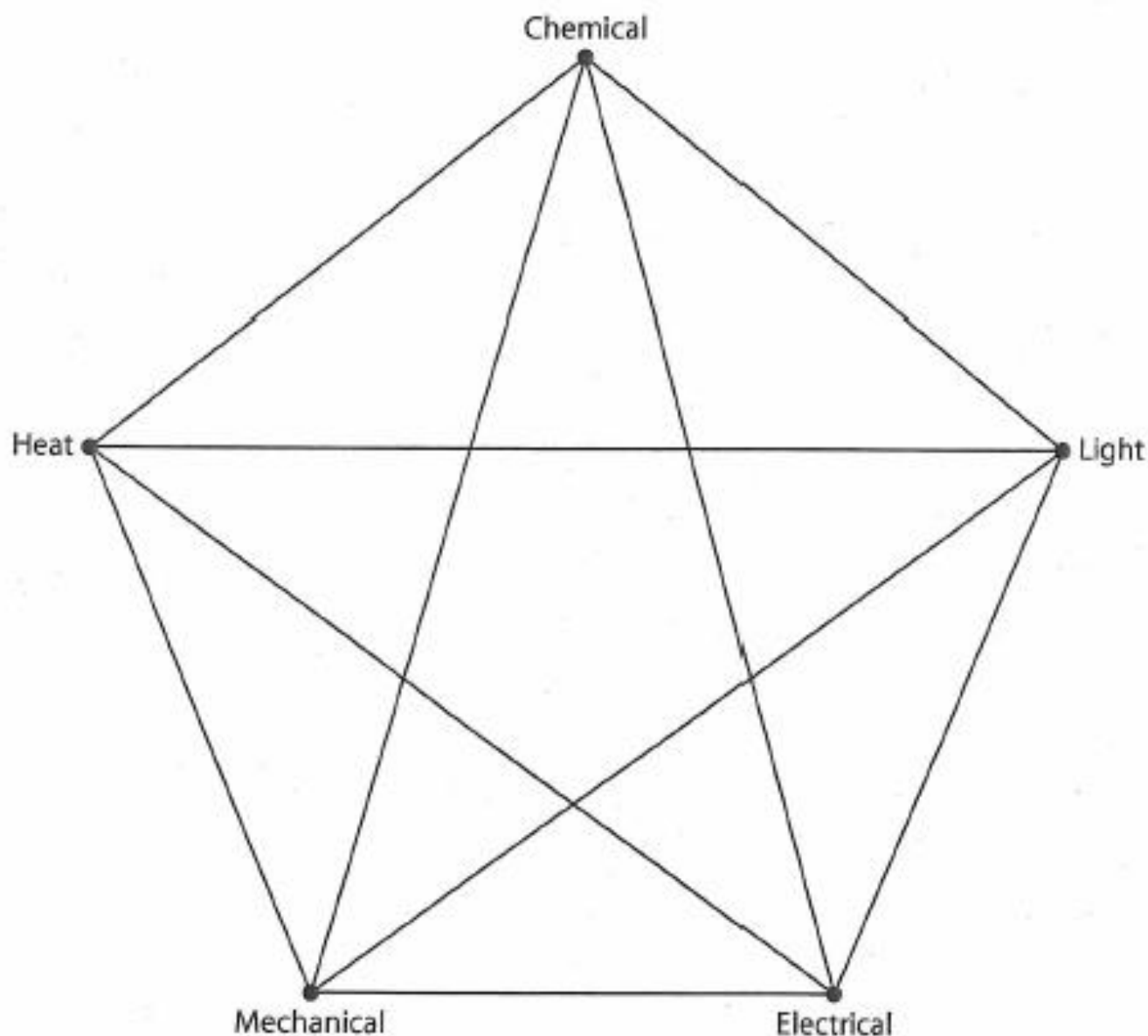
Cordless drill



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ENERGY CONNECTIONS

Write the name of each energy transformation example on the appropriate line. Draw an arrow indicating which way the energy is moving in the transformation. Write any additional examples you can think of on the back of this paper.



Energy Connections Conclusion Question

Name: _____

Period _____

Learning Goal: Identify the energy transformations shown in a series of pictures.

1. What is the Law of Conservation of Energy? _____

2. Is it possible that there is more than one correct answer for some pictures? Why or why not?

3. List 2 other energy transformations you were able to think of that were not on this activity.

a. Example: _____ Transformation: _____

b. Example: _____ Transformation: _____

4. What is an energy transformation happening in the classroom right now?

a. Example: _____ Transformation: _____

5. What is an example of an energy transformation involving nuclear energy?

a. Example: _____ Transformation: _____

6. What is an example of an energy transformation involving sound energy?

a. Example: _____ Transformation: _____

7. Describe two energy transformations that occur in a LIVING THING.

a. Example: _____ Transformation: _____

b. Example: _____ Transformation: _____