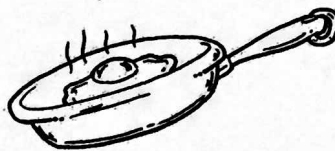
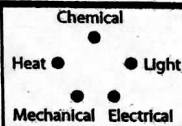


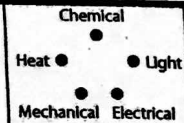
ENERGY CONNECTIONS

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

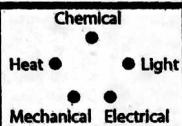
Frying an egg



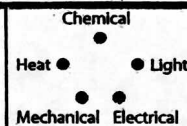
Fire



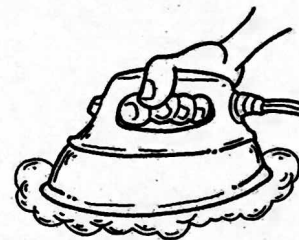
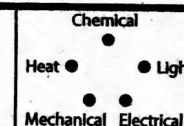
Sanding a board



Glow-stick



Iron



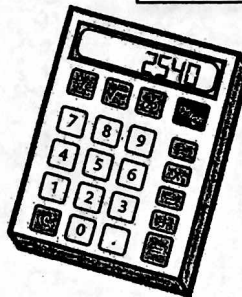
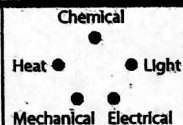
142

75

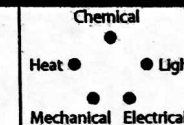
ENERGY CONNECTIONS

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

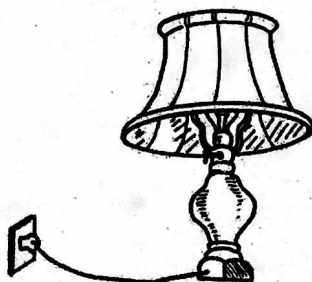
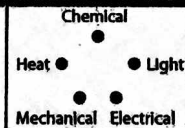
Battery-operated calculator



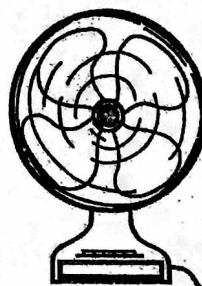
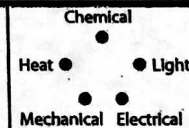
Lighting a match



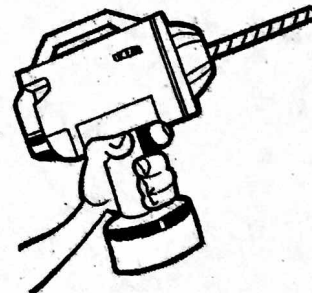
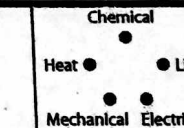
Lamp



Fan



Cordless drill



143

76

Energy Connections

Analysis Questions: Write your answers in complete sentences.

1. How did you decide what energy transformation was represented by the pictures?
2. Did your answers always agree with those of others in your group and/or other groups' answers? Why or why not?
3. Is it possible that there is more than one correct answer for some of the pictures? Why or why not?
4. Identify any energy transformation that is taking place in the classroom (or at home if you are there) right now.

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.

