

The Nature of Matter ▪ 2.3 Review and Reinforce**Energy and Matter****Understanding Main Ideas**

Fill in the blanks in the table below.

Form of Energy	Example of Energy
1. _____ Electromagnetic	Food 2. _____
3. _____ Thermal	Moving electrons 4. _____

Answer the following question in the space provided.

5. Describe how chemical energy is related to chemical change.

Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term in the left column.

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| _____ 6. endothermic change | a. travels through space as waves |
| _____ 7. exothermic change | b. a change in which energy is taken in |
| _____ 8. chemical energy | c. metal strip placed in a solution during electrolysis |
| _____ 9. electromagnetic energy | d. a measure of the average energy of random motion of particles of matter |
| _____ 10. electrical energy | e. energy stored in chemical bonds |
| _____ 11. electrode | f. a change in which energy is released |
| _____ 12. temperature | g. energy of electrically charged particles |