



## STUDENT WORKSHEET

## Energy in Your Life

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Give two examples each of mechanical, chemical, electrical, thermal, and radiant energy.

Mechanical: \_\_\_\_\_

Chemical: \_\_\_\_\_

Electrical: \_\_\_\_\_

Thermal: \_\_\_\_\_

Radiant: \_\_\_\_\_

2. Rewrite the following as fractions of an hour in decimal format:

15 minutes: \_\_\_\_\_

30 minutes: \_\_\_\_\_

1 hour: \_\_\_\_\_

2 hours and 45 minutes: \_\_\_\_\_

3. List three devices in your home powered by electrical energy that transform electricity to produce heat, light, or motion.

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4. True or false? Light-emitting diode (LED) bulbs create only light energy, not heat.

True

False