Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_

**REVIEW: Energy and Heat**

Determine which picture matches the energy transformations listed below.

   

   

|  |  |
| --- | --- |
| **Energy Transformation** | **Object** |
| Chemical energy 🡪 radiant energy |  |
| Electrical energy 🡪 mechanical energy |  |
| Chemical energy 🡪 radiant energy and thermal energy |  |
| Mechanical energy 🡪 sound energy |  |
| Electrical energy 🡪 sound energy |  |
| Gravitational potential energy 🡪 kinetic energy and sound energy |  |
| Electrical energy 🡪 sound energy and radiant energy |  |
| Chemical energy 🡪 mechanical energy and thermal energy |  |

What energy transformation is taking place in each example below? Draw a picture to illustrate the transformation.

|  |  |
| --- | --- |
| 1. Dribbling a basketball | 2. Using a toaster |
| 3. Walking to class | 4. Turning on a light |