**Energy Vocabulary Quiz Answers**

Choose the answer that best matches the definitions below.

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|  |  **Definitions** |  **Match** |
|  **1** | The ability to do work. |  **h** |
|  **2** | The energy stored on the chemical bonds of molecules, which is released during a chemical reaction. |  **f** |
|  **3** | \_\_\_\_\_\_\_\_\_ energy examples include computer screens,lamps and the sun. |  **a** |
|  **4** | \_\_\_\_\_\_\_\_\_ energy is the sum of an object’s kinetic energy and potential energy. |  **j** |
|  **5** | A roller coaster at the top of a hill has high \_\_\_\_\_\_\_\_\_ energy. |  **g** |
|  **6** | A roller coaster at the bottom of a hill has high \_\_\_\_\_\_\_ energy. |  **c** |
|  **7** | \_\_\_\_\_\_\_\_\_ energy is the energy produced when the molecules of an object vibrate. |  **d** |
|  **8** | \_\_\_\_\_\_\_\_\_ energy is released when the nucleolus of an atom is split. |  **k** |
|  **9** | Radios, vocal chords and guitars all produce \_\_\_\_\_\_\_\_ energy |  **b** |
| **10** | A person who designs safe energy systems. |  **e** |
| **11** | For example, logs burning in a fireplace. |  **i** |

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|  **Possible**  **Answers** |
|  a. Light |
|  b. Sound |
|  c. Kinetic |
|  d. Thermal |
|  e. Engineer |
|  f. Chemical |
|  g. Potential |
|  h. Energy |
|  i. Biomass |
|  j. Mechanical |
|  k. Nuclear |