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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Conservation of Energy

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 1G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  V |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  I |  |  |  |  |  |  |  | 2N |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  |  |  |  |  E |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  I |  |  |  |  |  |  |  |  W |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 3F |  O |  R |  C |  E |  C |  O |  N |  S |  T |  A |  N |  T |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  |  |  |  |  O |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  A |  |  |  |  |  |  |  |  N |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  L |  |  |  | 4M |  | 5K |  |  S |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  F |  |  |  |  E |  |  I |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  | 6V |  E |  C |  T |  O |  R |  |  E |  | 7S |  | 8F |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  L |  |  |  |  E |  |  T |  |  C |  |  R |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  D |  | 9D |  I |  S |  S |  I |  P |  A |  T |  I |  O |  N |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  S |  |  |  |  |  |  C |  |  L |  |  C |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  |  | 10E |  L |  A |  S |  T |  I |  C |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  R |  |  |  |  |  |  N |  |  R |  |  I |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  E |  | 11W |  A |  S |  T |  E |  D |  | 12J |  O |  U |  L |  E |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  N |  |  |  |  |  |  R |  |  |  |  N |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  G |  | 13K |  I |  L |  O |  G |  R |  A |  M |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  T |  |  |  |  |  |  Y |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 14G |  E |  O |  T |  H |  E |  R |  M |  A |  L |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across****3.** Force per unit extension of a spring**6.** Direction and Size**9.** Spreading Out of Energy **10.** A property of a material if it returns to its original shape when stretched. **11.** This type of energy is not useful. **12.** Unit for Energy **13.** Unit For Mass**14.** What type of energy comes from the ground? | **Down****1.** This is another name for the force of gravity. **2.** Unit for Weight**4.** Unit for Height **5.** Type of energy when an object moves.**7.** A quantity that has magnitude only.**8.** A reason that energy can wasted  |