

Matter vs. Energy Questions:

Part I: Copy the entire sentence using a word from the bank. Some words may be used more than once.

1. Everyone in the world is either _____ or _____.
2. Energy can make something _____.
3. Matter is anything that has _____ and takes up _____.
4. The main forms of energy are _____, _____, _____, _____, _____ and _____.
5. Three properties of matter are _____, _____, and _____.
6. The energy of moving things is called _____ energy.
7. _____ has no mass and does not take up space.

Chemical
color
Electrical
electricity
energy
heat
light
mass
Matter
Mechanical
Motion
Move
Nuclear
Odor
Space
Sound

Part II: Choose the correct word then write out each complete sentence.

8. (Matter or energy) sometimes cannot be seen but has mass and takes up space.
9. A light bulb is an example of (matter or energy).
10. The light from a light bulb is an example of (matter or energy).
11. A piece of coal is an example of (matter or energy).
12. The heat from a burning piece of coal is an example of (matter or energy).

Part III – Directions: Each picture below shows matter and energy. Decide what is matter and what is energy in each picture. You cannot see energy, but you can see what it does. What kinds of energy are shown in each of the pictures? List any matter in each picture and list the different types of energy in each picture.



13. Matter –
14. Energy –
15. Type of Energy -



16. Matter -
17. Energy -
18. Type of Energy -

Part IV: Directions: Answer the following questions:

19. Write which form of energy each of the following is.

20. Explain why you felt this was the form of energy for each of the 7 choices.



Figure A



Figure B



FIGURE C



Figure D



Figure E



Figure F



Figure G