



Natural Science. Test Unit 5. Matter and energy



Read carefully all the questions and write **T** or **F** (true or false).

1. Matter is everything that has mass and volume. _____
2. Volumen is the quantity of matter in an object. _____
3. Mass is the amount of space an object occupies. _____
4. Liquids have a fixed volume and shape. _____
5. Gases have a fixed volume but not a fixed shape. _____
6. Solids don't have a fixed shape or volume. _____

Write the letter in the correct number according to their properties.

a Brittleness

7.



b Lustre

8.



c Elasticity

9.



Identify the types of energy. Write the correct letter in the picture.

- a Electrical
- b Chemical
- c Mechanical
- d Thermal
- e Luminous
- f Sound
- g Nuclear

Exercise number	Picture of the type of energy	Write in this column the correct letter
10		
11		
12		
13		
14		
15		
16		

Read carefully all the questions and write **T** or **F** (true or false).

17. Luminous energy is transmitted through sound waves. _____

18. Chemical energy is stored in matter (food for example). _____

19. We can produce electricity from nuclear energy. _____

20. Mechanical energy is transmitted through cables. _____

21. Luminous energy involved in transferring heat from one object to another. _____

22. Luminous energy is given off by sources of light. _____

23. Electrical energy is the sum of potential energy. Associated with position and movement. _____

24. What is happening in the picture? Write the correct letter **A**, **B** or **C**.



- A Change of state
- B Expansion caused by the heat.
- C Temperature variation.

Complete the following sentences with the correct word.
Write the words in the gaps.

Expands

Contracts

25. When we cool metal, it .

26. When we heat metal, it .