



## 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

**b** Lustre

**c** Elasticity

7.



8.










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 .