



Solar energy



1. Complete the solar energy sudoku:

Rules of the game

Rule 1: you need to fill the empty boxes with a symbol.

Rule 2: a symbol cannot be repeated in the same row.

Rule 3: a symbol cannot be repeated in the same column.

Rule 4: a symbol cannot be repeated in the same square.

Rule 5: a sudoku only has one solution.

2. Circle the thermal solar panel in red and state what we could use it for. Circle the photovoltaic solar panel in green and state what we can use it to make work.



- The thermal solar panel transforms the sun's rays in heat, which can be directly taken advantage of.
- The photovoltaic solar panel transforms energy from the sun into electricity.

3. Mark the right answer with an X:

Solar energy is the most absorbed by the Earth:

Yes

No

What kind of resource is the sun?

Clean and inexhaustible

Clean and exhaustible

Dirty and inexhaustible

Solar energy can be used to obtain heat, but no electricity

True

False

How long does sunlight take to reach Earth?

8,3 minutos

5 minutos

10 minutos



4. It's a very hot day today. Help Lux reach his ice cream so that he can cool down.

