1. Fill in: *heat, light, to heat, to glow, to burn, to melt.*
2. \_\_\_\_\_\_\_\_\_\_\_ means to make something very warm.
3. \_\_\_\_\_\_\_\_\_\_\_ is the energy that comes from hot things.
4. \_\_\_\_\_\_\_\_\_\_\_ is the energy that comes from the sun or lamps, and it helps us see things.
5. \_\_\_\_\_\_\_\_\_\_\_ means to produce light.
6. \_\_\_\_\_\_\_\_\_\_\_ means to be on fire.
7. \_\_\_\_\_\_\_\_\_\_\_ means to change from a solid to a liquid, for example ice becomes water.
8. Match A to B to make sentences. Then listen and check.

|  |  |
| --- | --- |
| **A** | **B** |
| Electricity heats … | heat and light. |
| Tungsten is … | that it starts to glow. |
| The tungsten wire is so hot … | a tungsten wire. |
| The electric energy turns into … | burn. |
| Air makes hot things … | a metal that doesn’t melteven when it’s very hot. |

1. Complete the table.

|  |  |  |
| --- | --- | --- |
| **the activity** | **the person who does the activity** | **the result of the activity** |
| to decorate | decorator | decoration |
| to invent |  |  |

1. Listen and fill in the gaps.

Who is the \_\_\_\_\_\_\_\_\_\_\_ of the light bulb?

In England, Joseph Wilson Swan shows his \_\_\_\_\_\_\_\_\_\_\_, a light bulb, in 1878. In the USA, Thomas Alva Edison shows his light bulb to the public in \_\_\_\_\_\_\_\_\_\_\_. They both have patents for their bulbs. The \_\_\_\_\_\_\_\_\_\_\_ in their bulbs is not made of tungsten. Inside the \_\_\_\_\_\_\_\_\_\_\_, there’s a vacuum, \_\_\_\_\_\_\_\_\_\_\_ inert gas.

SOLUTIONS

1. Fill in: *heat, light, to heat, to glow, to burn, to melt.*
2. To heat means to make something very warm.
3. Heat is the energy that comes from hot things.
4. Light is the energy that comes from the sun or lamps, and it helps us see things.
5. To glow means to produce light.
6. To burn means to be on fire.
7. To melt means to change from a solid to a liquid, for example ice becomes water.
8. Match A to B to make sentences. Then listen and check.

|  |  |
| --- | --- |
| **A** | **B** |
| Electricity heats … | heat and light. |
| Tungsten is … | that it starts to glow. |
| The tungsten wire is so hot … | a tungsten wire. |
| The electric energy turns into … | burn. |
| Air makes hot things … | a metal that doesn’t melteven when it’s very hot. |

1. Complete the table.

|  |  |  |
| --- | --- | --- |
| **the activity** | **the person who does the activity** | **the result of the activity** |
| to decorate | decorator | decoration |
| to invent | inventor | invention |

1. Listen and fill in the gaps.

Who is the inventor of the light bulb?

In England, Joseph Wilson Swan shows his invention, a light bulb, in 1878. In the USA, Thomas Alva Edison shows his light bulb to the public in 1879. They both have patents for their bulbs. The wire in their bulbs is not made of tungsten. Inside the bulb, there’s a vacuum, not inert gas.