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Activity 2 – Reading Comprehension

Instructions

Listen to the audio and decide whether the following statements are **True (T)** or **False (F)**.

1. Electrical engineering only focuses on designing electronic devices.

2. A simple electrical circuit needs a power source, wires and a load.

3. Resistors are used to increase the voltage in a circuit. _____
4. Transformers help change voltage levels for the safe transmission of electricity. _____
5. Electrical engineers never work with renewable energy systems. _____
6. Safety is an important part of electrical engineering. _____
7. Smart electrical grids can help reduce energy waste. _____
8. Electrical engineering combines science, mathematics and technology.

Answer Key

1. **False** – Electrical engineering includes electricity, electronics and electrical systems.
2. **True**
3. **False** – Resistors control the flow of electric current.
4. **True**
5. **False** – Electrical engineers develop renewable energy systems such as solar and wind power.
6. **True**
7. **True**
8. **True**