

UNIT 5: TOOLS (II)

READING 

1. Read the webpage. Then, mark the following statements as *True* or *False*.



The screenshot shows a webpage for Classic City Electric Supply Co. with a navigation menu (HOME, ABOUT US, SERVICES, CONTACT) and a main heading "Everyday tools for easy repair". Various tools and products are displayed with labels: bench vise, magnet, super glue, glue gun, stereo microscope, alcohol, naphtha, clip lead, cooler spray, heatsink grease, and heat-shrink tubing. A table on the right lists the products and their uses.

Product	Use
Glue gun	Multipurpose fastening for everyday needs
Super glue	Rapidly bonds glass, metal, plastic, and rubber
Alcohol	Removes oil, grease, and grime
Naphtha	Lifts grease and dirt from any surface
Magnet	Drives current through metal coils
Bench vise	Secures projects to a work bench
Stereo microscope	Magnifies images up to 200 times
Clip lead	Uses alligator clips on both ends
Cooler spray	Rapidly cools hardware and exposes faulty electrical components
Heatsink grease	Lubricates and protects overheating
Heat-shrink tubing	Securely repairs wires forming to contours and edges

1. An electronics technician uses cooler spray to expose faulty hardware.
2. An electronics technician tests circuitry with a magnet.
3. Super glue is used to secure work to a table or bench.

VOCABULARY 

2. Read the sentences and choose the correct words or phrases.

- A) The electronics technician secured the wire to the chip with **magnet/ super glue**.
- B) The computer's faulty wiring was exposed by the freezing **naphtha/ cooler spray**
- C) The **clip lead/ bench vise** clamped the stereo to the work table.

3. Match the words with the definitions (A–H).

Heat-shrink tubing – alcohol – bench vise – clip lead – heatsink grease –
stereo microscope – glue gun – naphta

- A)** a chemical solution used as a cleaning agent _____
- B)** a device that magnifies images _____
- C)** melts plastic glue to attach wires to component surfaces _____
- D)** a lubricant that stops components from overheating _____
- E)** a short wire used to create an electrical current connection _____
- F)** a petroleum product used to remove dirt from many surfaces _____
- G)** a clamp that holds wood or metal in place _____
- H)** a plastic tube that shrinks in diameter when heated _____

LISTENING **4. Listen to a conversation between a store clerk and a customer. Mark the following statements as *True* or *False*.**

- 1) The man knows what he needs to buy.
- 2) The woman is familiar with types of electronics cleansers.
- 3) Alcohol is safe to use on all electronics wires and tubing.

5. Listen again and complete the conversation.

Clerk: Welcome to Classic City 1) _____ Supply. How may I help you?

Customer: Hi, I have a 2) _____. What do I use to clean wires?

Clerk: A product with naphtha easily 3) _____.

Customer: What about an alcohol solution?

Clerk: Well, alcohol sometimes 4) _____ wires and tubing, so I recommend naphtha. It is used on many products.

Customer: I didn't know that. In that case, I need to 5) _____ some naphtha.

Clerk: It's a great cleanser. It works 6) _____ on wiring projects.

Customer: Great, thanks for your help.

SPEAKING **USE LANGUAGE SUCH AS:**

Welcome to ...

What do I use ... ?

I recommend ...

Student A: You are a store clerk. Talk to Student B about:

- what he or she needs
- your recommendation
- why another product is not needed

Student B: You are a customer. Talk to Student A about what product you should buy.

6. Complete the conversation below based on previous task, with the phrases given. Then, take roles and act it out.

I'll take a glue gun. | To a component surface. | What do I use to attach wires?
What about super glue?

A: Welcome to Classic City Electric Supply. How may I help you?

B: Hi, I have a question. _____

A: What are you attaching them to?

B: _____

A: I think you should use a glue gun.

B: _____

A: With a glue gun, your work will be more accurate.

B: OK. _____

WRITING 📝

7. Use the conversation from Task 8 to complete the list of advice from the professional electrician.

Classic City Electric Supply Co.
Customer Feedback Form

What did you purchase?

I purchased a(n) .

Did you get help from an employee?

Was he or she helpful? If so, please explain.

The employee was very helpful. She told me to purchase a(n)
 gun instead of , as it
will make my work more .

EXTRA PRACTICE

Mark the following statements as *True* or *False*.

1. Optical microscopes use light to help you see structures that can't be seen by the human eye.
2. In 1595, Robert Hooke, with the help of his father Hans, produced the first compound microscope.
3. A single magnifying lens produces an upright image that is enlarged two to five times.
4. In optical microscopes, the lens nearest the eye is called the ocular lens.
5. When microscopes were first invented, sunlight was the only available source of illumination.
6. Transmitted light is supplied from below the object.