

Technician Checklist

NAME _____ DATE _____ PERIOD _____

You are a technician at a fruit factory. The machine that puts label stickers on the fruit has stopped. The whole line is stopped with it. Work the checklist a real technician would work.

Stage 1 is filled in for you as an example. Fill in the last four stages.

The clues:

- The machine made a clicking noise before it stopped.
- There is no smoke, no sparks, and no leaks.
- The other machines on the line still run fine.
- The sticker roll is in place, but no labels come out.
- The operator says the machine ran fine until a new roll of labels was put in.

STAGE	WHAT I WOULD DO AS THE TECHNICIAN
1. Identify the Problem. Which part is not working? What was the machine doing right before it stopped?	The label machine stopped. It made a clicking noise first. There is no smoke, no sparks, and no leaks. The other machines still run. The sticker roll is in place, but no labels come out. A new roll of labels went in right before the machine stopped.
2. Analyze Possible Causes. Is it mechanical, like a worn part or jammed gears? Electrical, like bad wiring or a sensor? Operator error, like a wrong setting? Something else?	
3. Implement a Solution. What is the best repair to try first, based on your causes?	
4. Test and Observe. How will you check that the machine works again? What will you do if it still does not work?	
5. Prevent Future Breakdowns. What would keep this from happening again? Operator training? More maintenance?	

Think about it. Which clue helped you the most? Was this problem more likely a machine issue or a human mistake?
