✓ **Congratulations! You passed!**
TO PASS 80% or higher

Keep Learning

GRADE
100%

Practice Quiz: Introduction to Debugging

TOTAL POINTS 5

1. What is part of the final step when problem solving?
   - ○ Documentation
   - ● Long-term remediation
   - ○ Finding the root cause
   - ○ Gathering information

   `1 / 1 point`

   > ✓ **Correct**
   > Nice job! Long-term remediation is part of the final step when problem solving.

2. Which tool can you use when debugging to look at library calls made by the software?
   - ○ top
   - ○ strace
   - ○ tcpdump
   - ● ltrace

   `1 / 1 point`

   > ✓ **Correct**
   > Keep it up! the ltrace tool is used to look at library calls made by the software.

3. What is the first step of problem solving?
   - ○ Prevention
   - ● Gathering information
   - ○ Long-term remediation
   - ○ Finding the root cause

   `1 / 1 point`

   > ✓ **Correct**
   > Right on! Gathering information is the first step taken when problem solving.

4. What software tools are used to analyze network traffic to isolate problems? (Check all that apply)
   - ☑ tcpdump

   `1 / 1 point`

   > ✓ **Correct**
   > Nice work! The tcpdump tool is a powerful command-line analyzer that captures or "sniffs" TCP/IP packets.

   - ☑ wireshark

   > ✓ **Correct**
   > Excellent! Wireshark is an open source tool for profiling network traffic and analyzing TCP/IP packets.

   - ☐ strace
   - ☐ top

5. The strace (in Linux) tool allows us to see all of the _____ our program has made.
   - ○ Network traffic
   - ○ Disk writes
   - ● System calls
   - ○ Connection requests

   `1 / 1 point`

Correct

Awesome! The strace command shows us all the system calls our program made. System calls are the calls that the programs running in our computer make to the running kernel.