

Name:

Date:

Class:

## Section 2: Independent Practice Worksheet

**Instructions:** Open your Kali PowerShell terminal and perform the following tasks:

1. Install FTP and connect to the Metasploitable2 target over port 21. You may need to use the “msfadmin” user and password to log in.
2. Install Telnet and connect to the Metasploitable2 target over port 22. You may notice a clue on the initial screen specifying the username and password!
3. Do some internet research and explain why it was necessary to use the `-oHostKeyAlgorithms=+ssh-rsa` argument in the SSH connection above. What does “ssh-rsa” stand for? Why does this argument allow us to connect our Kali system to the target Metasploitable2?