Soldering Project Quiz

1. How does the multivibrator circuit create a square wave?
2. What is the frequency of your multivibrator circuit output? **Show a screenshot** and verify the frequency matches with your R and C values.
3. **Show a screenshot of your 555 timer IC output**. Can you detect the 1.5kHz and 2.2 kHz frequencies?
4. What does the solder ratio signify?
5. Why do you tin a soldering tip?
6. What type of flux should be used in electronics?
7. What is a solder bridge?
8. What are typical soldering temperatures for a) lead-free solder (like the one we are using) and b) lead solder?
9. What is the purpose of flux?
10. What are some different desoldering techniques?