Post-Activity Comprehension Quiz Answer Key

1. A negative trace takes power from the **power supply** to the **negative side** of the LED.

   positive side  negative side  power supply

2. True or **False**: Only one of the (+) sides of the battery holder needs to be connected to the positive side of the LED in order to supply it with power. The same is true for the (-) side.

   Correct answer: **Both** of the (+) sides of the battery holder need to be connected to the positive side of the LED in order to supply it with power. The same is true for the (-) side.

3. Draw the correct way to create positive and negative tracers between the battery pack and the LED light. Indicate the approximate number of stitches to realistically use at each connection.