**Remote Control Using Bluetooth Pre-Quiz Answer Key**

**1. Give two examples of electrical connections.**

***Example*: The connection between a garage door opener and a garage.**

***Example*: The connection between an iPod and a computer.**

**2. What is the difference between wired and wireless connections?**

**In a wired connection, electrical signals are sent through a physical wire, while in wireless connections electrical signals are sent as waves through the air.**

**3. What is an advantage of using wireless connections?**

***Example answers*:**

**No need for wires or cables makes messaging over long distances and rough terrain no problem. No wires to break or get disconnected. Can send/receive data and control other devices from remote locations. Can send/receive messages almost instantly.**

**4. What is the name of the wireless electrical connection that the EV3 can make?**

**Bluetooth**