Name: _____ Date: _____ Class: _____

What Is Bluetooth? Worksheet

Part 1

1. **What is an electrical connection?**

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

3. **What is the difference between wired and wireless connections?**
   What is an advantage of using wireless connections?

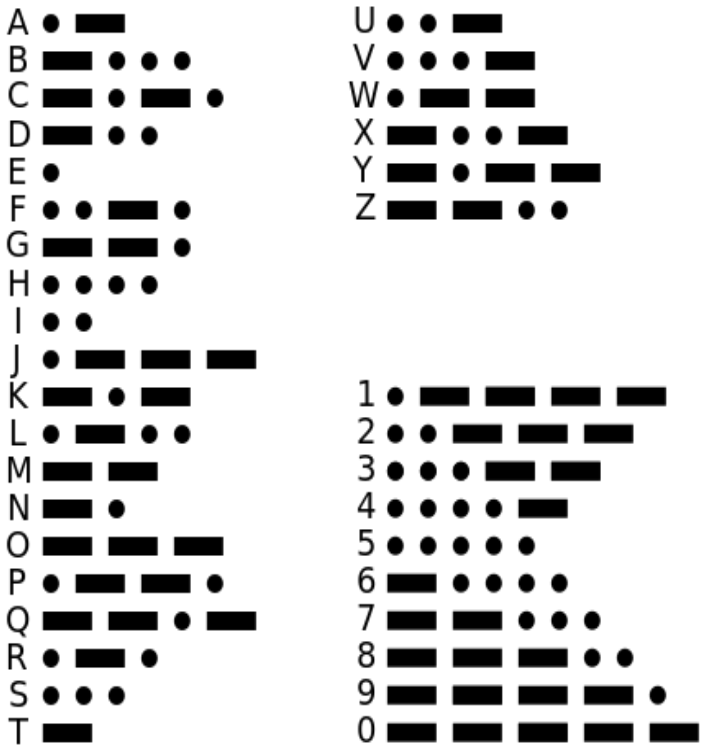
4. **What is the name of the wireless electrical connection that the NXT can make?**

Name: _____ Date: _____ Class: _____

Part 2

International Morse Code

1. The length of a dot is one unit.
2. A dash is three units.
3. The space between parts of the same letter is one unit.
4. The space between letters is three units.
5. The space between words is seven units.



Here are some examples:
(Note: a slash / is used between words)

"**Hello**" in Morse code is:

.... . .-.. .-.. ---

"**How are you?**" is:

.... --- .-- / .- .-. . / -.-- --- ..-

Write the Morse code for the following:

1. "**This is fun**"
2. "**Thank you**"
3. "**I love you**"
4. "**Move on**"

Source of Morse code chart: http://en.wikipedia.org/wiki/Morse_code