

Name:

Date:

Class:

## 3D Printed Strain Sensors Quiz **Answer Key**

1. Electrical resistance is the measurement of how well \_\_\_\_\_ flow through a substance.
  - a. Protons
  - b. Neutrons
  - c. Cells
  - d. **Electrons**
  
2. 3D printed strain sensors can be easily integrated into \_\_\_\_\_ technology.
  - a. New
  - b. **Wearable**
  - c. Environmental
  - d. Green
  
3. There are three variables that effect the electrical resistance: \_\_\_\_\_, cross sectional area, and material used.
  - a. **Length**
  - b. Color
  - c. Density
  - d. Hardness
  
4. An advantage of 3D printed strain sensors is that they are very cheap to produce.
  - a. **True**
  - b. False