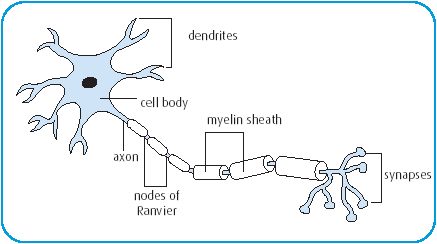
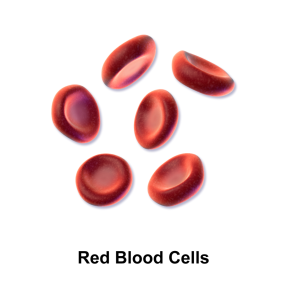
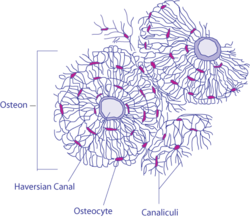
**Cell Differentiation Notes**

1. Do all \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells look the same? \_\_\_\_\_\_\_\_\_\_! Cells can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to perform different functions.

**Nerve Cell**

**Bone Cell**

2. Red blood cells function to transport \_\_\_\_\_\_\_\_\_\_\_\_ and remove carbon dioxide and waste products from cells. Muscle cells function to allow \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to occur. Nerve cells have the ability to conduct \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ impulses to maintain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the body. Bone function to provide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.