Name:

Date:

School:

Facilitator:

2.01 Tree Parts

Total Points: 33

**Answer the following questions.**

1. **What is a tree?**
2. **In complete sentences, describe what functions roots perform for the tree.**

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| *Write your answer below in complete sentences:* |
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1. **What is a taproot system?**
2. What is a fibrous root system?
3. **In complete sentences, describe what functions the trunk performs for the tree.**

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| *Write your answer below in complete sentences:* |
|  |

1. **is the central, supporting pillar of the tree. It is dark in color and is no longer living. It is extremely strong and gives strength to the tree.**
2. **is the conduit for moving nutrients and water from the roots to the crown. It is new wood.**
3. **is responsible for forming annual rings. It does this in response to hormones produced by leaf buds.**
4. **There are two layers of bark. The**       **helps fight off insects, cold, heat, and rain. It also keeps the tree from drying out. The**       **is the pipeline that food passes through to get to the rest of the tree. It lives only a short time.**
5. **is the top part of the tree. It contains the branches, buds, twigs, flowers, fruit, and leaves.**
6. make food for the tree. They also help evaporate water and reduce wind resistance.