Exit Pass: Lesson 6

What Can you Learn from Leaf Shapes and Tree Growth Patterns?

Complete the following.

Questions

1. While on a winter walk, a friend challenges you to identify a snow-covered tree as coniferous or deciduous. Explain to your friend why you can identify the tree type without being able to see the leaves.

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2. Explain the meaning of dichotomous and why it is important in the identification of trees.

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3. List the names of four Alberta tree species, and give brief descriptions of the leaves of each.

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4. Two birch trees with exactly the same size trunk are cut. When the tree cookies are compared, one tree is determined to be approximately ten years older than the other is. Explain why two tree cookies of the same size can indicate such different ages.

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