Teacher Answer Key

Case Study

1. Sales dropped once discounted artificial trees arrived, the farm ran into financial trouble, and the land was sold for commercial development. The town lost the seasonal jobs the farm provided and the short local supply chain that had kept transportation emissions down.

2. Consumer choice drove the whole outcome. Enough residents switched to artificial trees for convenience and price that the farm could not stay in business, so a buying pattern, not a policy or a bad harvest, ended decades of local growing.

Multiple Choice

1. A

2. B

3. C

Matching

1-E, 2-C, 3-B, 4-A, 5-D

Fill-in-the-Blank

1) methane, 2) PVC, 3) replanted

Short Answer (Sample Responses)

Q1: Composting real trees reduces methane emissions and provides nutrient-rich material for soil.

Q2: A longer lifespan reduces the need for frequent replacements, lowering production-related carbon emissions.

Q3: Local farms create jobs, preserve green spaces, and reduce transportation emissions.