Teacher Answer Key

Case Study

1. Parents felt the Peters map looked distorted, while proponents believed it better conveyed the true size of developing nations.

2. It shows students that no single map is entirely objective; different projections highlight different truths and distortions.

Multiple Choice

1. B

2. A

3. D

Matching

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

Fill-in-the-Blank

1) Projection, 2) Equal-area, 3) angles

Short Answer (Sample Responses)

Q1: Flattening a sphere always leads to trade-offs; you can't preserve shape, area, distance, and direction perfectly at once.

Q2: Analyzing deforestation or agricultural land use across continents requires seeing accurate landmass sizes for fair comparison.

Q3: By seeing how each projection warps certain features, students learn to question assumptions and recognize underlying biases in cartography.