Name _____

The Wonderful World of Genetic Diversity: Meiosis Unveiled

Open-Ended Response Questions

1. Imagine a world where all organisms reproduced asexually, and meiosis did not exist. How might this impact the diversity of life on Earth?

2. Discuss a real-life example of how genetic diversity has allowed a species to adapt to a changing environment.

3. Explain the concept of "survival of the fittest" in the context of genetic diversity and evolution.

4. How can humans use their understanding of genetic diversity to improve agriculture and crop production?

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