

Name _____

The Magical Dance of Meiosis: Creating Life in a Unique Way

Short Answer

1. Explain the difference between meiosis and mitosis in terms of chromosome number.
2. Describe the significance of genetic diversity resulting from meiosis in the survival of species.
3. What are gametes, and how do they relate to meiosis?
4. Can meiosis sometimes help repair damaged DNA? If so, how?
5. Why would it be problematic if meiosis did not occur in sexual reproduction?

