

Name \_\_\_\_\_

## Cell Division Chronicles: The Tale of Mitosis, Meiosis, and Living Beings

### Short Answer

1. Describe the role of mitosis in humans, animals, and plants.
2. How does meiosis contribute to genetic diversity in humans, animals, and plants?
3. Provide an example of an organism that primarily reproduces asexually and explain how it does so.
4. Why is meiosis important for sexually reproducing species in the animal kingdom?
5. What are some practical applications of understanding mitosis and meiosis in medical and conservation contexts?

