

Name \_\_\_\_\_

## Healing Equations: How Differential Equations Shape Biology and Medicine

### Short Answer

1. How do differential equations help scientists model population dynamics?
2. In which field of study are differential equations used to model biological processes within the body?
3. What role do differential equations play in epidemiology?
4. How are pharmacokinetic models used in pharmacology?
5. What is the primary purpose of using differential equations in biology and medicine?

