

Name _____

Cracking the Code: Understanding the Chain Rule

Short Answer Key

1. A function within a function, like a Russian nesting doll.
2. Take the derivative of the outer function first, then multiply it by the derivative of the inner function.
3. It allows us to analyze and solve a wide range of problems involving composite functions.
4. It's like peeling off layers of an onion to get to the core.
5. $f(x) = \sin(x^2)$.

