

Name _____

Unveiling Secrets: The Sieve of Eratosthenes and Prime Number Discovery

Open-Ended Response Questions

1. How might the Sieve of Eratosthenes be adapted or modified for use in modern computing environments?
2. Explain the significance of the Sieve of Eratosthenes in historical and mathematical contexts.
3. Discuss any limitations or challenges associated with using the Sieve of Eratosthenes to find prime numbers.
4. Can you think of any real-world applications where knowing prime numbers would be useful?

