

Name \_\_\_\_\_

## Cracking the Code: Exploring the Power of Factoring in Mathematics

### Open-Ended Response Questions

1. Can you think of a situation where factoring might be used in civil engineering?
2. How does factoring contribute to simplifying financial equations?
3. Why is factoring considered a crucial step in cryptography?
4. Explain why factoring is like the key that unlocks the mysteries hidden within mathematical expressions.

