small primitive Roots: Features: Faster Computations: Both encryption and decryption computations are sped up by smaller numbers.Suggested for Applications with High Security: Better suited for settings where security trumps computational effectiveness.The ideal size is dependent on the application's security requirements and available resources.Despite the increased computational cost, larger primitive roots are recommended for high-stakes security contexts (such as financial or military communications).Cons: Potential Security Risks: Discrete logarithm problems and other cryptographic attacks may target smaller roots more easily.