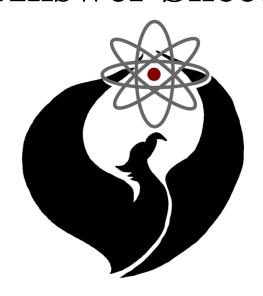
## Codebusters Answer Sheet



## 2019 University of Chicago Science Olympiad Invitational

Team Name:	
Participant Names:	
Team Number:	
Raw Score:/4500	
Rank:	
Time remaining (if applicable):	

Team #	
--------	--

## Regional-level questions [3200 pts + time bonus]

1. Timed Aristocrats w/Hint [500 pts + 600 time bonus]

2. Affine encryption [200 pts]

3. Affine encryption [200 pts]

4. Vigenère encryption [300 pts]

Team #	
--------	--

5. Vigenère decryption [300 pts]

6. Spanish Cipher decryption [300 pts]

7. Baconian Cipher decryption [400 pts]

8. Caesar cryptanalysis [500 pts]

9. Mystery cryptanalysis [500 pts]

## **State-level questions [1300 pts]**

10. RSA decryption [400 pts]

11. Hill Cipher decryption [300 pts]

12. Vigenère with crib cryptanalysis [300 pts]

13. Affine Cipher decryption [300 pts]