

Thermodynamics Rustin Invitational Jan. 6, 2018

School _____

Team Number _____

Names _____

Part 1 - 1 Pt each

- | | | |
|----------|----------|----------|
| 1 _____ | 13 _____ | 25 _____ |
| 2 _____ | 14 _____ | 26 _____ |
| 3 _____ | 15 _____ | 27 _____ |
| 4 _____ | 16 _____ | 28 _____ |
| 5 _____ | 17 _____ | 29 _____ |
| 6 _____ | 18 _____ | 30 _____ |
| 7 _____ | 19 _____ | |
| 8 _____ | 20 _____ | |
| 9 _____ | 21 _____ | |
| 10 _____ | 22 _____ | |
| 11 _____ | 23 _____ | |
| 12 _____ | 24 _____ | |

Part 3- 5 Pts each

Part 2 - 2 Pts each

Volume of water __75 ml Initial Temperature __70 C__

Volume of Ice Water Used _____

Predicted Final Internal Temperature _____

Final Internal Temperature _____

Final External Temperature _____