**Cookie Mining Simulation Data Table:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Cookie 1 (ours)** | **Cookie 2 (ours)** | **Cookie 3 (classmates’)** | **Cookie 4 (classmates’)** | **Averages** |
| **# Surface Chips** | 14 | 21 | 21 | 16 | 18 |
| **Mass** | 36.28 grams | 31.08 grams | 42.3 grams | 41.6 grams | 37.89 grams |
| **Diameter** | 6.5 cm | 6 cm | 5.5 cm | 5 cm | 5.75 cm |
| **Height** | 2 cm | 1.9 cm | 2 cm | 2 cm | 1.98 cm |
| **Volume** | 265.5 cm^3 | 214.9 cm^3 | 190.1 cm^3 | 157.1 cm^3 | 205.7 cm^3 |
| **Chip Prediction** | 20 | 25 | 30 | 25 | 25 |
| **Amount Mined** | 17 | 17 | 21 | 22 | 19 |
| **Weight of Earth** | 26.04 grams | 21.51 grams | 11 grams (24.1 grams unmined) | 14.8 grams (19.1 grams unmined) | 18.34 grams (10.8 grams unmined) |
| **Weight of Chips** | 5.34 grams | 8.72 grams | 16.2 grams | 16.1 grams | 11.59 grams |