Build a Boat

Budget: $100,000

**TRIAL 1**

Order Form Trial 1 (15 mins)

|  |  |  |
| --- | --- | --- |
| Material | Cost | Quantity |
| Aluminum Foil (1 foot) | $30,000 |  |
| Tape (1 foot strip) | $20,000 |  |
| Big cup | $25,000 |  |
| Small Cup | $20,000 |  |
| Straw (x2) | $10,000 |  |
| Popsicle Sticks (x2) | $10,000 |  |
| Pipe Cleaners | $5,000 |  |
| Cork | $5,000 |  |
|  |  |  |

Returns Total:

|  |  |  |
| --- | --- | --- |
| Material | Cost | New total |
|  |  |  |
|  |  |  |

**TRIAL 2**

Leftover Budget from Trial 1: $\_\_\_\_ ,000

Order Form Trial 2 (10 mins)

|  |  |  |
| --- | --- | --- |
| Material | Cost | Quantity |
| Aluminum Foil (1 foot) | $30,000 |  |
| Tape (1 foot strip) | $20,000 |  |
| Big Cup | $25,000 |  |
| Small Cup | $20,000 |  |
| Straw (x2) | $10,000 |  |
| Popsicle Sticks (x2) | $10,000 |  |
| Pipe Cleaners | $5,000 |  |
| Cork | $5,000 |  |

Total:

Final Boat Design

(draw an arrow to each component **one for each team member**)

Team members:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Instructor Checkpoint: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_