### Event and Construction Requirements

- 1. Competitors construct only 1 device
- 2.a. Competitors bring 1 3-ring binder
- 2.c. Device, diagram, and graphs/tables impounded
- 2.d. Competitors wear eye protection during testing
- 2.f. Competitors must be able to answer questions about the device per the Building Policy
- 3.a. Device fits in 100.0 x 100.0 x 50.0 cm box
- 3.b. Div B: Device is class 1 lever, beam <= 80.0 cm
- 3.b. Div C: Device is class 1 lever in series with class 2/3 lever, beams <= 40.0 cm
- 3.c. Device has no electrical components
- 3.d. Device accommodates masses
- 3.d. Device has no springs
- 3.e. Competitors don’t bring masses, unless fixed in place prior to impound

### Team Information

- **Team #: _______
- **Team Name:**
- **Competitor Names:**
  - _____________________
  - _____________________

### Part I

- **Written test score:** _______

### Graphs / Tables

- Data spans mass range (2 pts max) _______
- At least 10 data points (2 pts max) _______
- Proper labeling (e.g. title, name) (2 pts max) _______
- Number of graphs/tables (4 max) _______
- Labeled device picture/diagram (2 pts max) _______

### Part II

- **Elapsed Time (sec):** _______
- **Mass ratio A/B (in decimal form):** _______
- **Mass ratio B/C (in decimal form):** _______

### Penalties

- Competition violations(s) Y N
- Team didn’t bring a device Y N
- Didn’t make honest attempt Y N
- Construction violations corrected Y N
- Missed impound Y N

### Team Verification

4.II.h. I verify the event supervisor has reviewed with me my team’s recorded device testing data.

- **Signature:** _____________________