

Name: _____ Date: _____

Force Absorber

1. Do Steps 1–5 of the Task Card. Record your results in the chart below.

2. **Think:** How could you increase the launch height without knocking the small marble out of the hole? Write three ideas for Force Absorbers below.

- _____
- _____
- _____

3. Do Steps 7 and 8 of the Task Card. Record your results in the chart below.

Test	Description	Highest launch height
Control	cup only	
With Force Absorber		

4. Did your Force Absorber work? How do you know?

5. How might you improve your Force Absorber so it can withstand an even higher launch height?

metric ruler

cm

