

Tiny Teacup Student Lab Sheet **Group Names:** _____

1. After observing the tiny teacup NOT pouring water, select three different sized small cups and predict whether they will pour water. Circle the ones you think will NOT pour water: A B C.

What did you observe? _____

Why do you think this happened? _____

2. Select one of the tiny or small cups that did not pour water. Brainstorm three things you could do to make the water pour: _____

Now do three experiments to test your three ideas.

Hypothesis 1: The water will pour out if we _____

Results: _____

Hypothesis 2: The water will pour out if we _____

Results: _____

Hypothesis 3: The water will pour out if we _____

Results: _____

3. Now brainstorm what other liquids might pour from the tiny teacup, since plain water won't:

Now do three experiments to test your three ideas.

Hypothesis 1: _____ **will pour from the tiny teacup.**

Results: _____

Hypothesis 2: _____ **will pour from the tiny teacup.**

Results: _____

Hypothesis 3: _____ **will pour from the tiny teacup.**

Results: _____

4. On the back of this paper, summarize what you learned from these 6 experiments.