

Name: _____

Surface Tension STEM Challenge

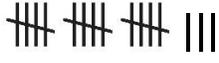
How many drops of water fit on a penny?

Which side of the penny will be up? (circle one) Head or Tail

How many drops of water do you predict will fit on the penny? _____

Experiment:

1. Place the penny on a flat surface. The flatter the surface is, the better this experiment is going to go.
2. Using a dropper, carefully put a drop of water in the center of the penny.
3. Keep track of the water drops as you add them, one at a time.
4. Once the water runs over the edge of the penny (spills over), stop counting and dropping.

Liquid	Trial 1	Trial 2	Trial 3
Example- Water	 15	 18	 29
Water			
Other			

Based on your trials, what was the maximum number of water drops that fit on your penny? _____