[](http://www.google.com/url?sa=i&rct=j&q=cup+of+water&source=images&cd=&cad=rja&uact=8&docid=LZBmTBexbocz6M&tbnid=qsuzGQ_D0J3HjM:&ved=0CAYQjRw&url=http://www.123rf.com/photo_5864078_wellness-concept-with-glass-or-cup-of-water.html&ei=FmgsU9TIMJKkqwGGzoGgDg&bvm=bv.62922401,d.aWM&psig=AFQjCNEm6_fVrsqkR8c7GQymTngEQjIEZA&ust=1395505541009359)**Chemistry 1** Name

***Mole Challenge*** Date

Hour

* Answer the following questions:
  + How many moles of water are in one mouthful?

|  |
| --- |
| data collected |
|  |

* + How many molecules of water are in one mouthful?
* You will have access to the following materials:
  + **Balance**
  + **Paper cup**
  + **Water**
* Record your data and show your calculations below.

|  |
| --- |
| calculations |
|  |

|  |
| --- |
| moles of water in a mouthful  molecules of water in a mouthful |
|  |

