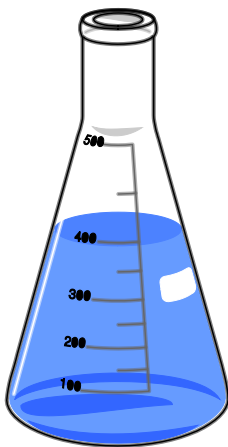


How much of the  
human body is  
water?

70%

Sep 8 - 11:12 AM

**Water heats more slowly  
and retains heat longer  
than many other  
substances.**



Sep 8 - 11:19 AM

**How do humans lose heat?**

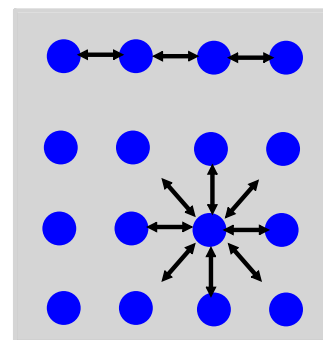
Sweat

**How do some animals lose heat?**

Pant

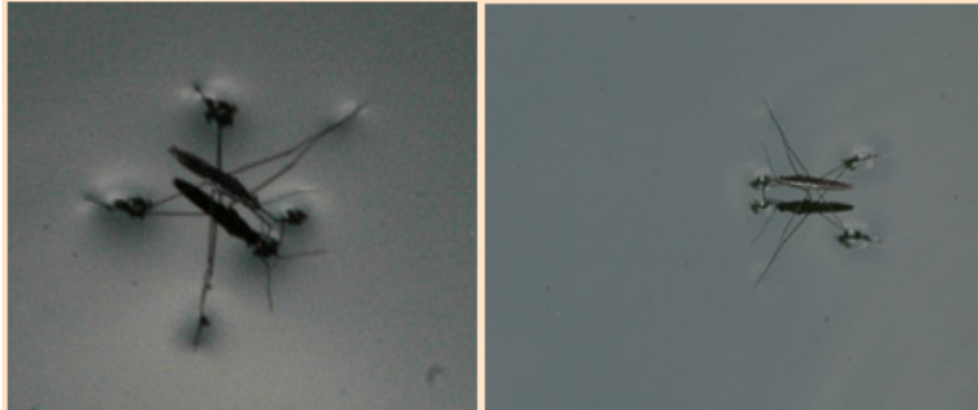
Sep 8 - 11:20 AM

**Cohesion- attraction  
between substances of  
the same kind**



Sep 8 - 12:49 PM

# Surface Tension



Surface Tension

Water Strider

<http://hyperphysics.phy-astr.gsu.edu/hbase/surten.html>

Sep 8-10:27 AM

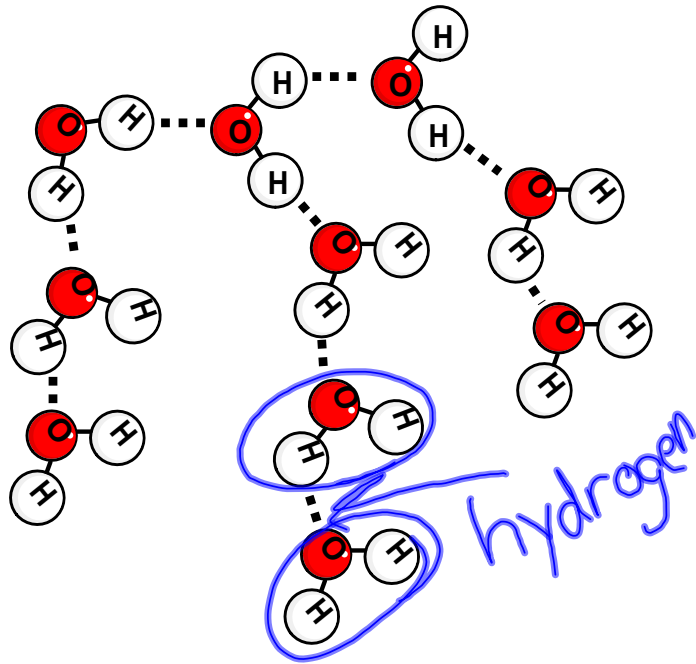


Coleman - 7 x 5 Sundome Tent- Coleman, the greatest name in camping gear

Sep 8-10:29 AM

**This is cohesion.**

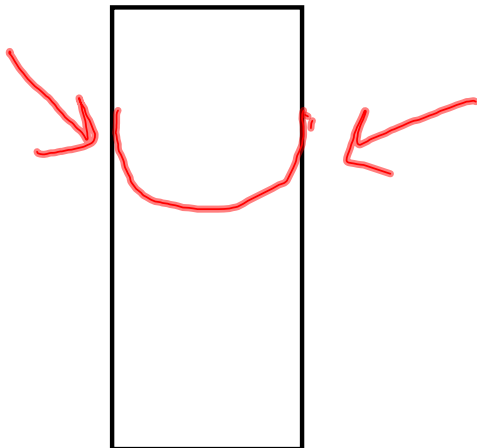
**What type of bond is holding this together?**



Sep 8 - 12:51 PM

**Adhesion- an attraction between different substances.**

**Example:  
water in a straw**



Sep 8 - 3:53 PM

**Solution- a mixture in which one or more substances are evenly distributed in another substance**

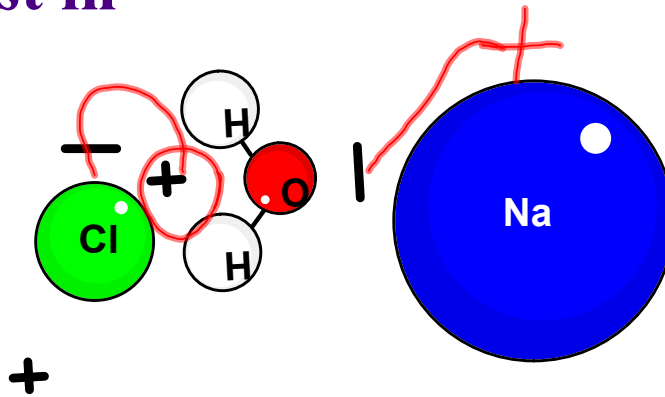


Sep 8 - 3:58 PM

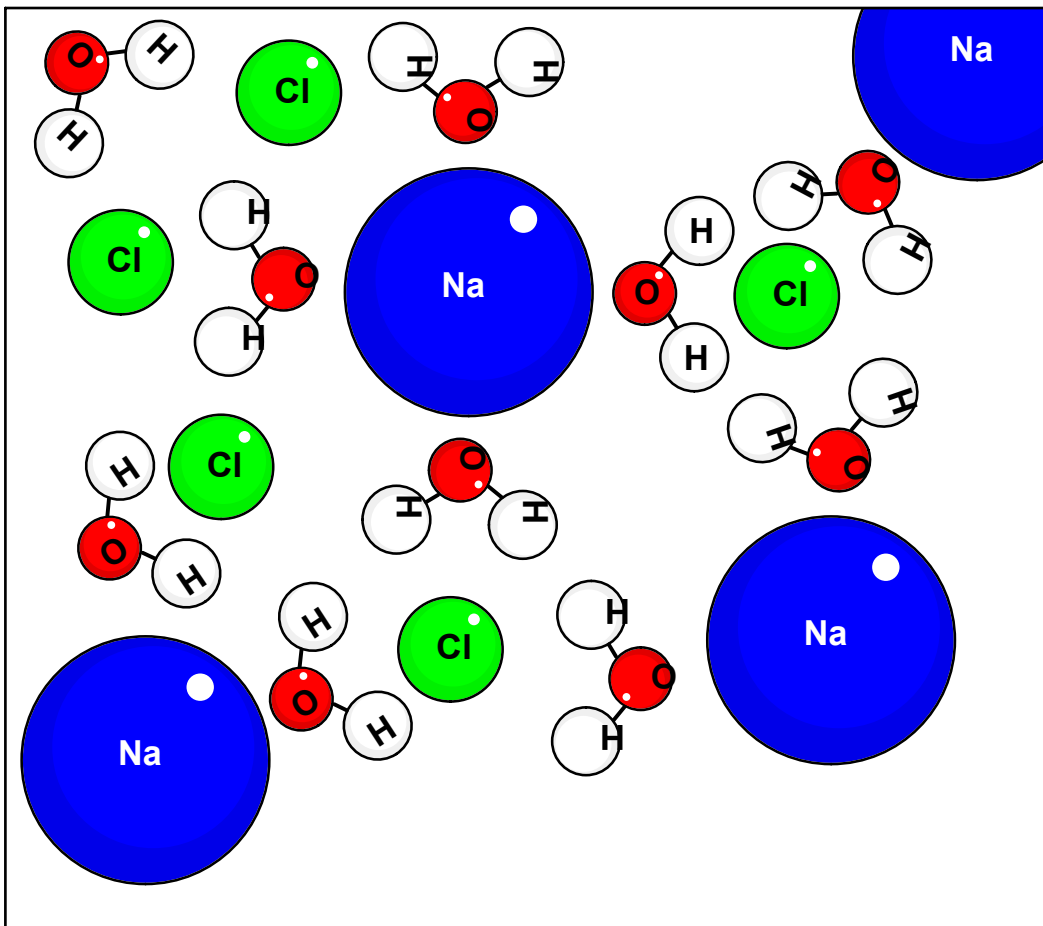


Sep 8 - 4:00 PM

**Ionic  
compounds  
and polar  
compounds  
dissolve best in  
water.**

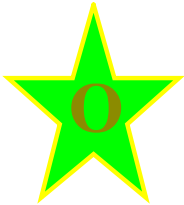


Sep 8 - 4:00 PM

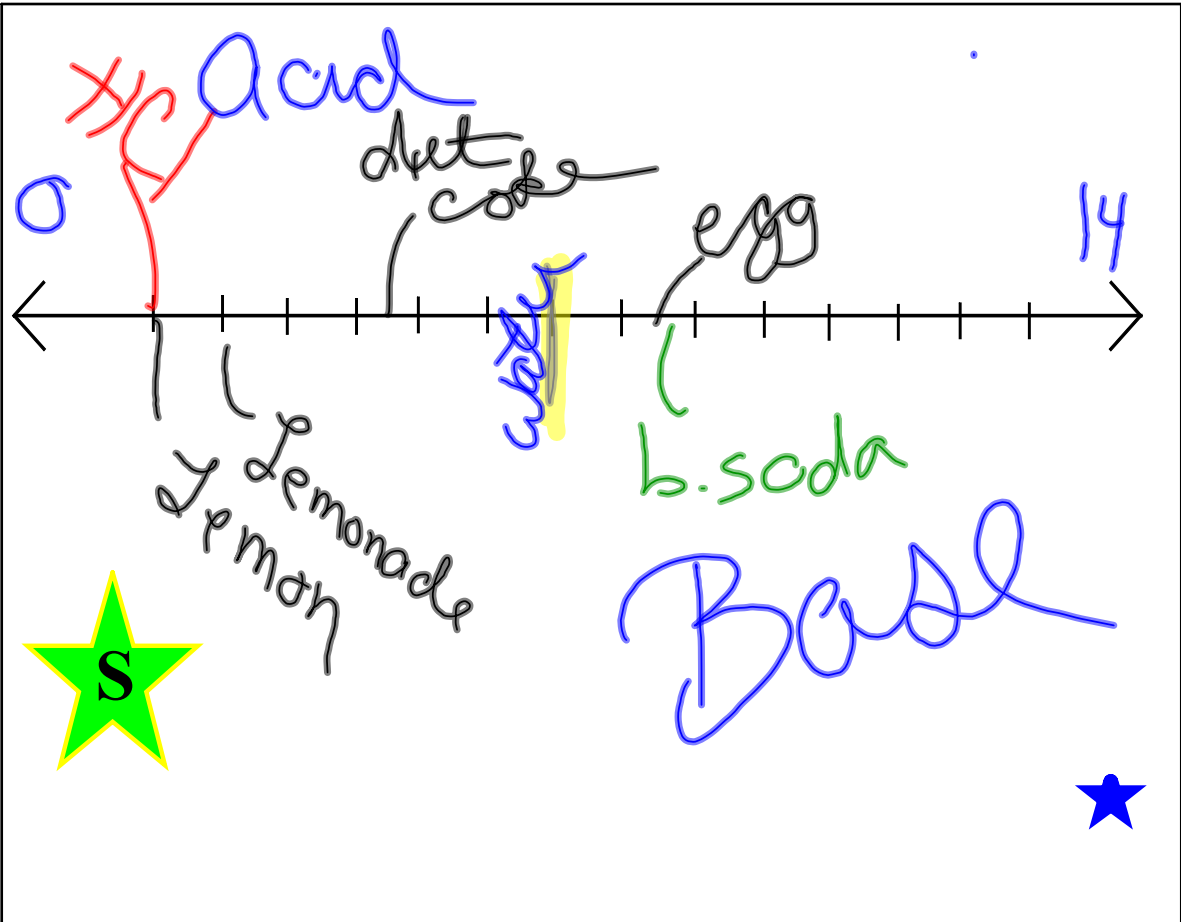


Sep 8 - 4:04 PM

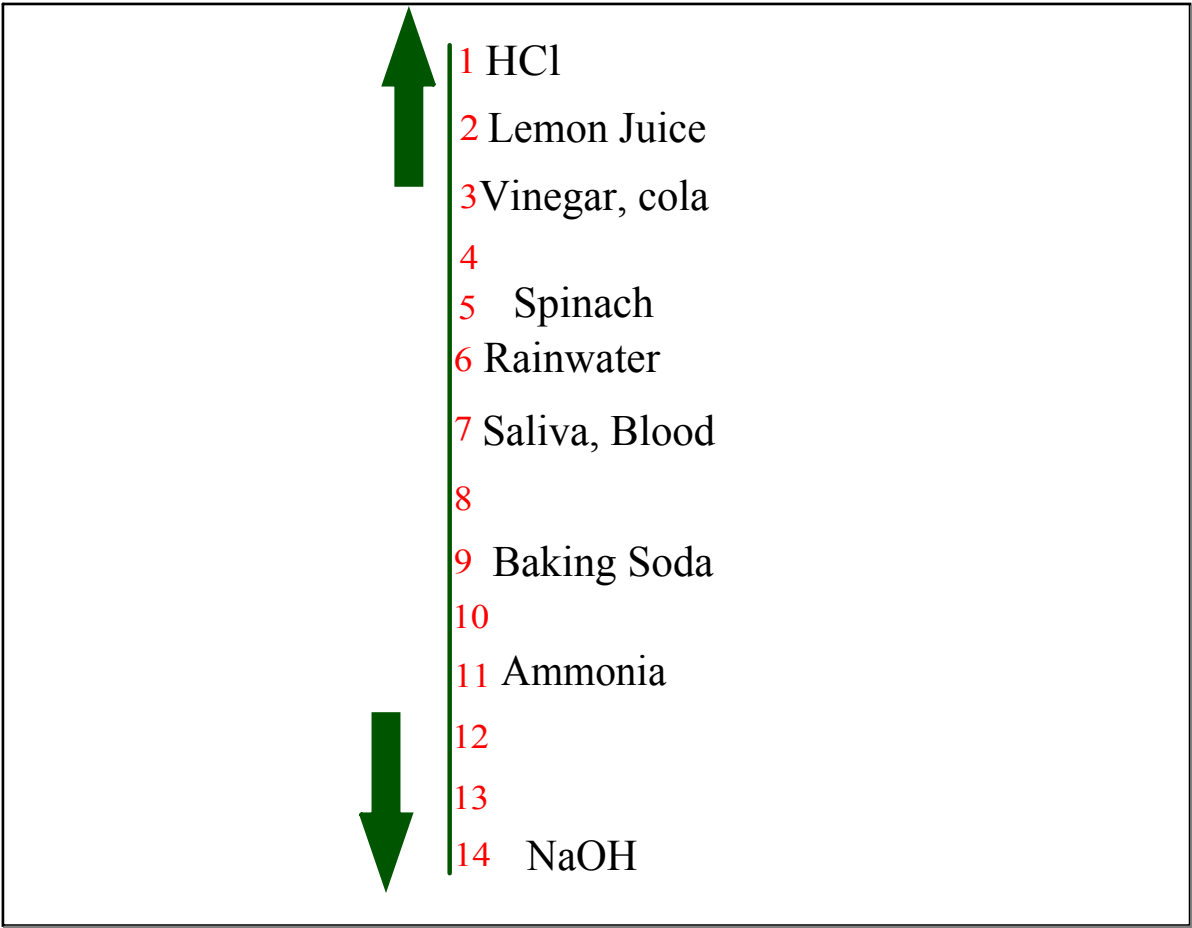
**Non-polar  
substances do  
not dissolve  
well in water.**



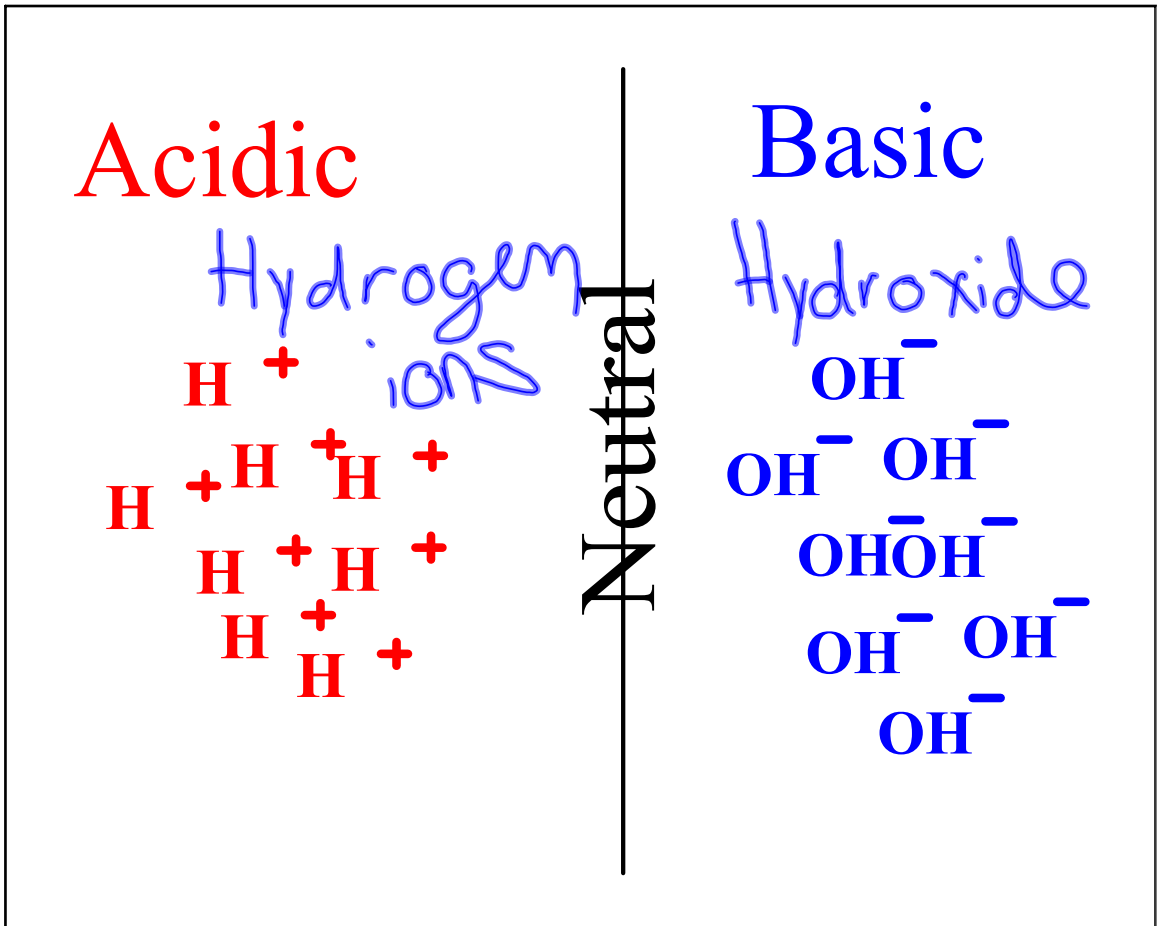
Sep 8 - 4:07 PM



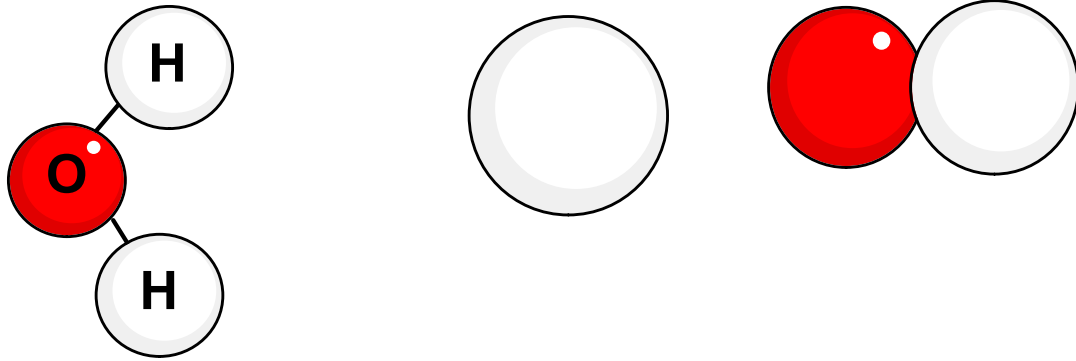
Sep 8 - 4:18 PM



Sep 8 - 4:31 PM

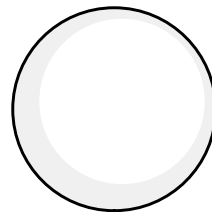


Sep 8 - 4:19 PM



Sep 8 - 4:10 PM

**Acids-  
compounds  
that form  
hydrogen ions  
when dissolved  
in water**



Sep 8 - 4:15 PM

**Bases-  
compounds  
that reduce the  
concentration  
of hydrogen  
ions**

