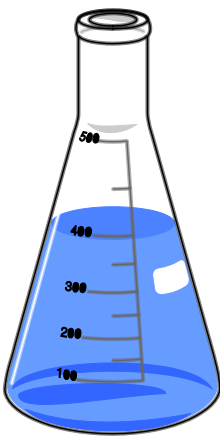


**How much of the
human body is
water?**

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

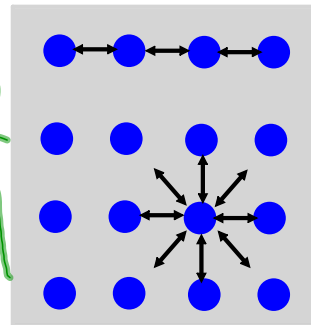
How do some animals lose heat?

panting

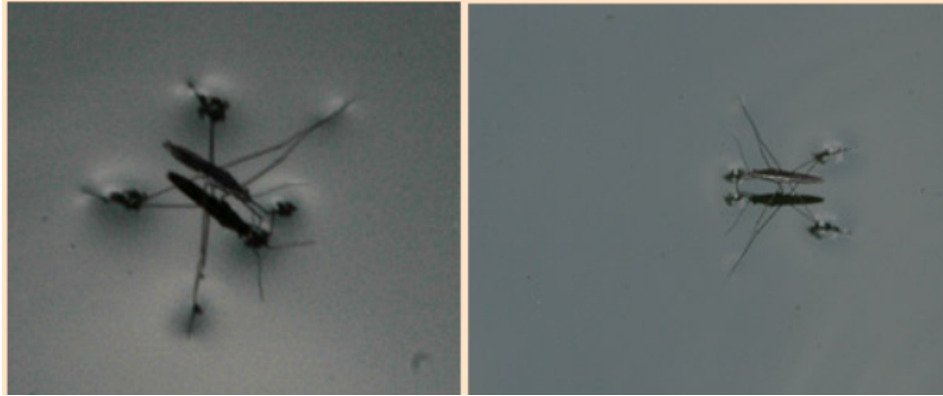
Sep 8 - 11:20 AM

Cohesion- attraction between substances of the same kind

Surface
tension



Sep 8 - 12:49 PM



Surface Tension



<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

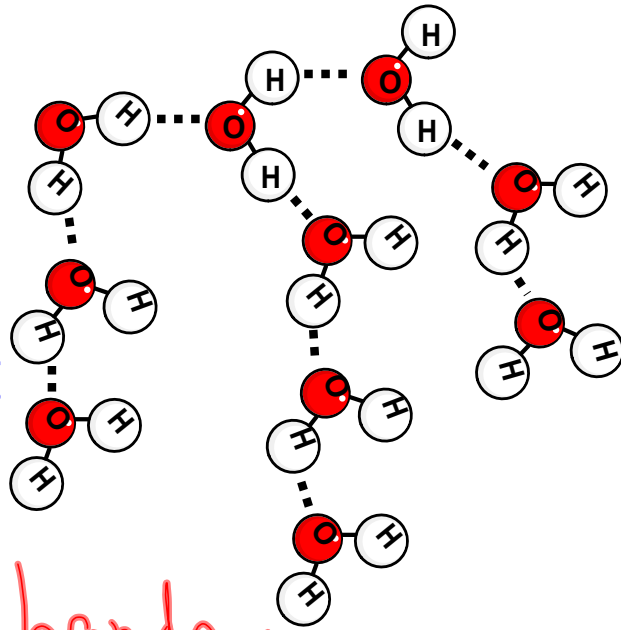


Sep 8-10:29 AM

This is cohesion.

What type of bond is holding this together?

hydrogen bonds



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

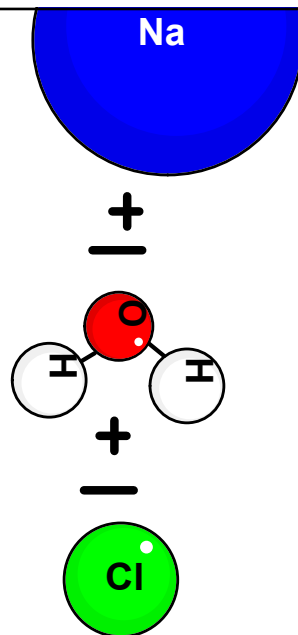


Sep 8 - 3:58 PM

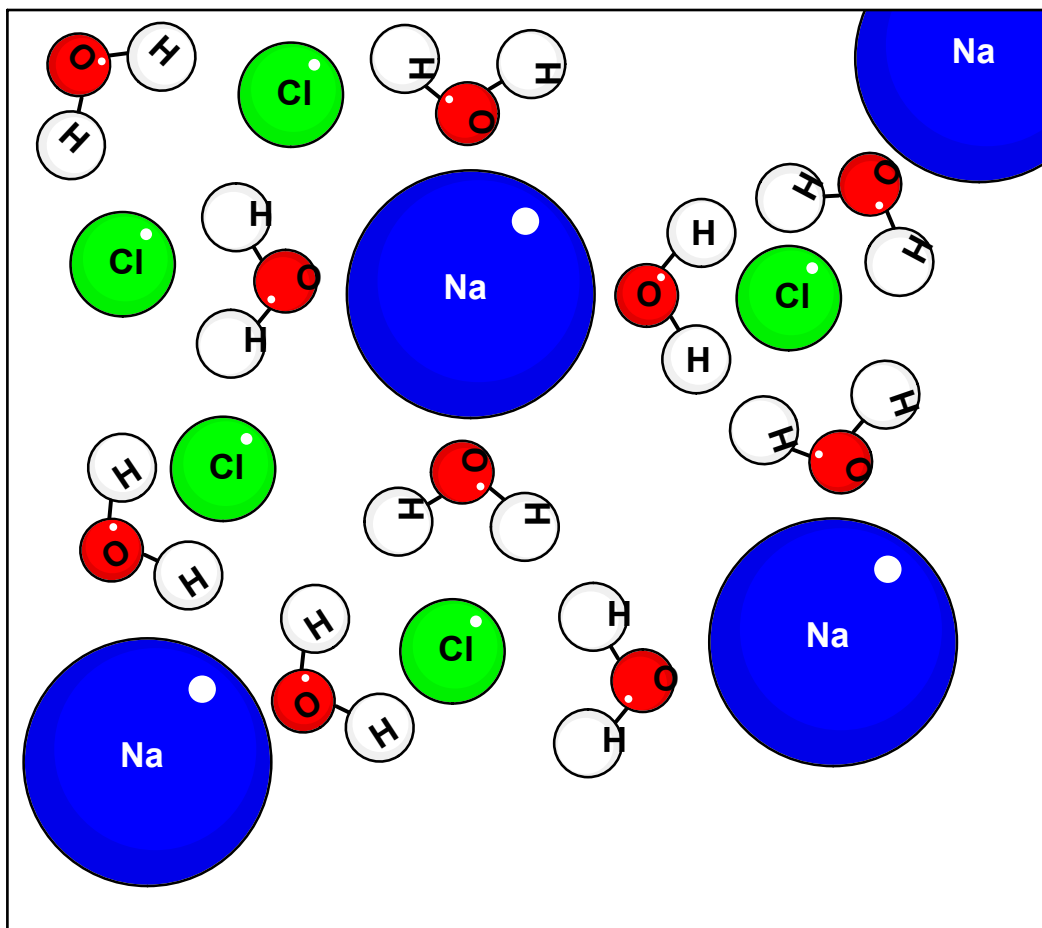


Sep 8 - 4:00 PM

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



Sep 8 - 4:00 PM

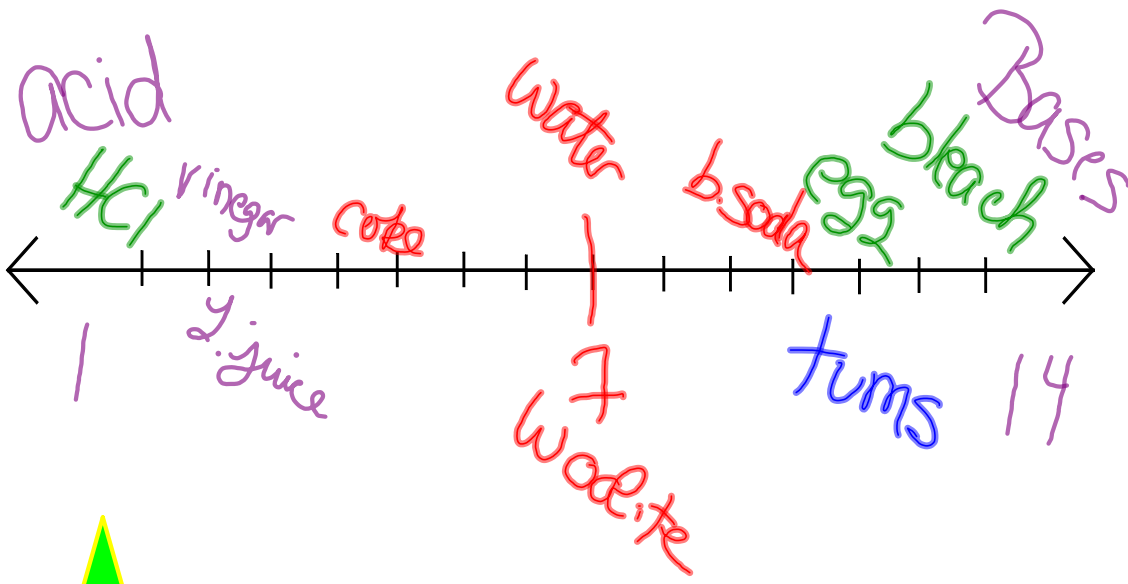


Sep 8 - 4:04 PM

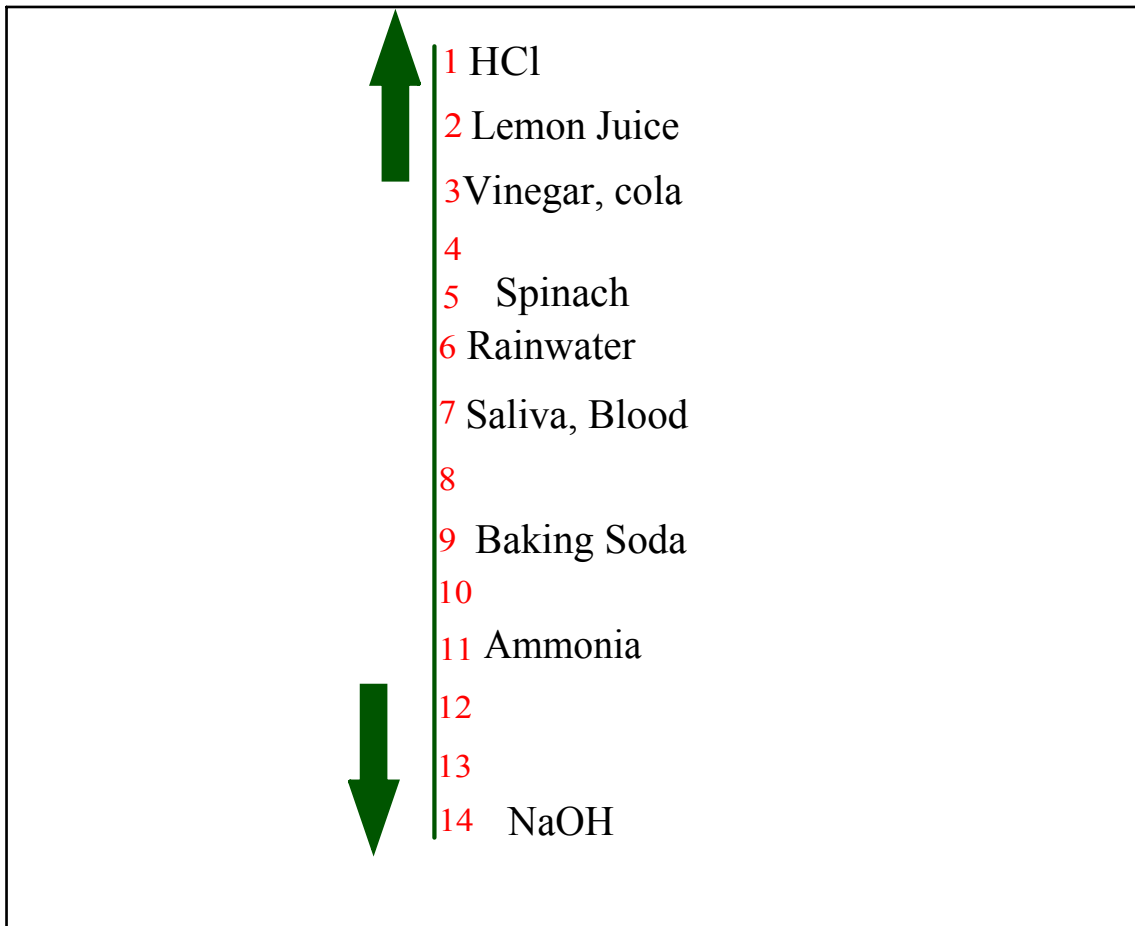
**Non-polar
substances do
not dissolve
well in water.**



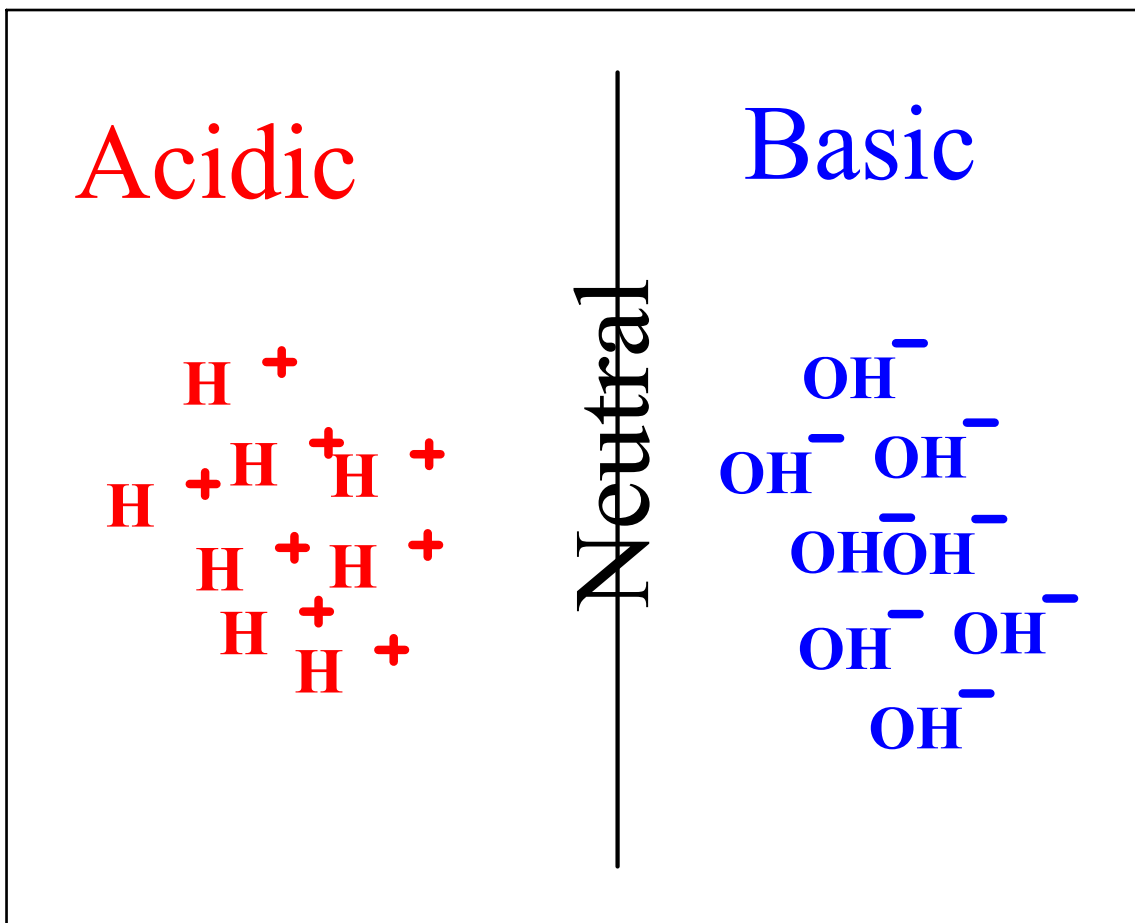
Sep 8 - 4:07 PM



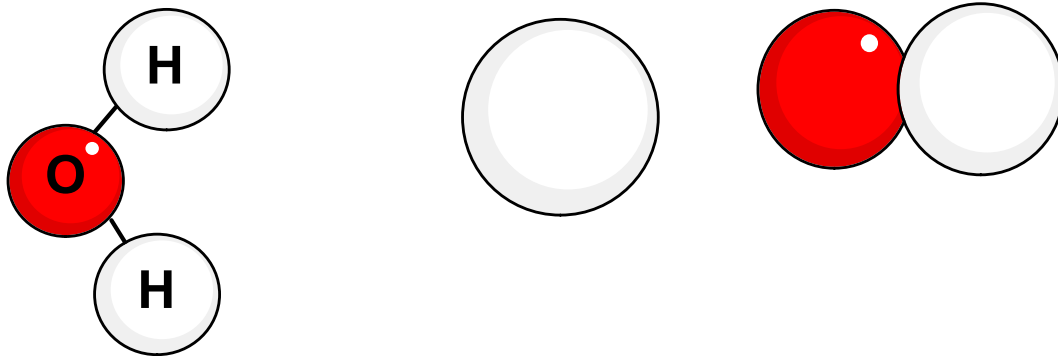
Sep 8 - 4:18 PM



Sep 8 - 4:31 PM

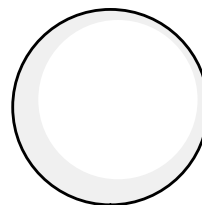


Sep 8 - 4:19 PM



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**

