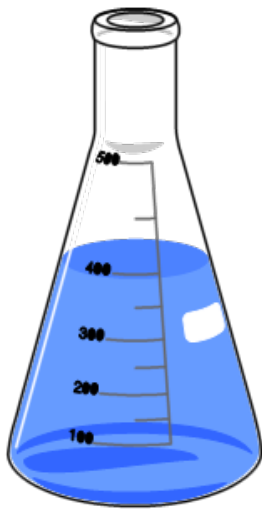


70%

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

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



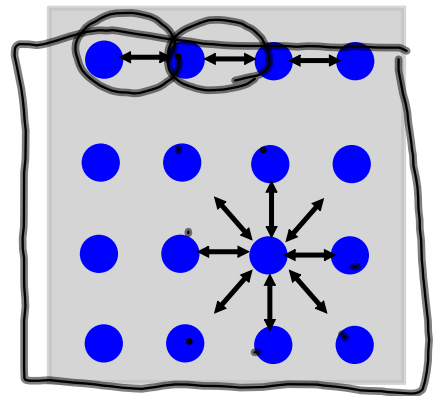
How do humans lose heat?

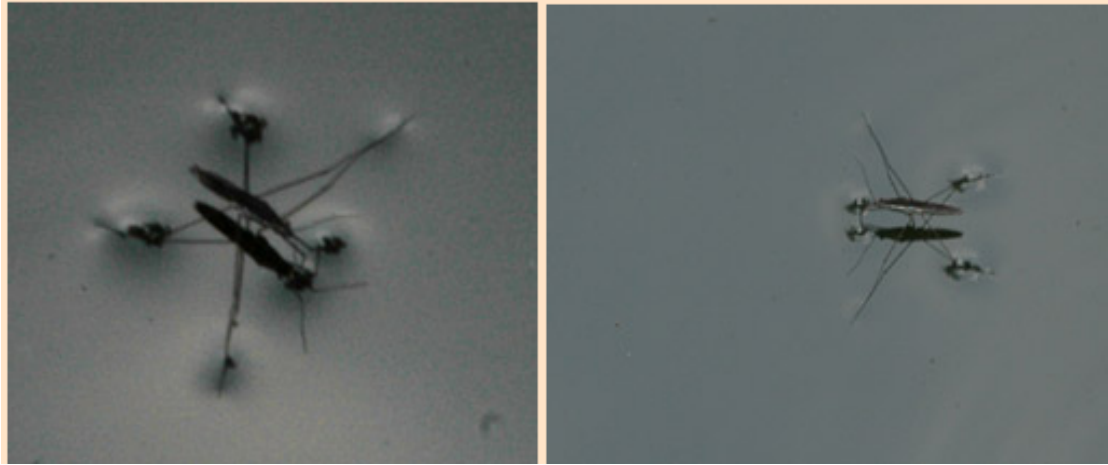
Sweat

How do some animals lose heat?

, pant

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





Surface Tension



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





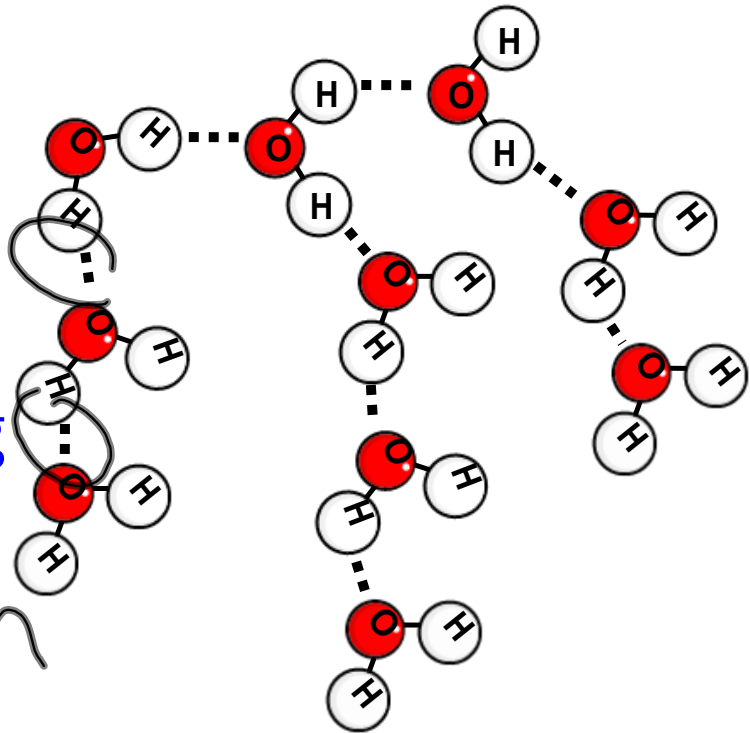
Coleman - 7 x 5 Sundome Tent- Coleman, the greatest name in camping gear



**This is
cohesion.**

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

hydrogen



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



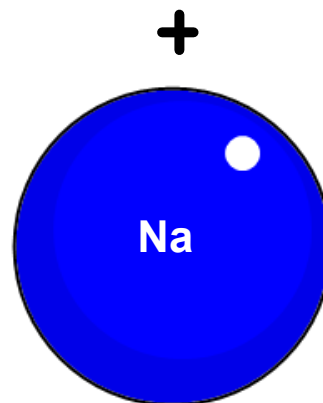
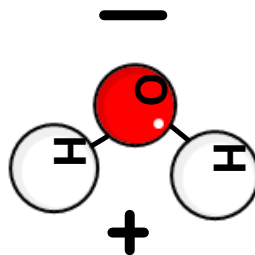
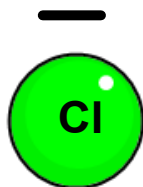
**Example:
water in a
straw**

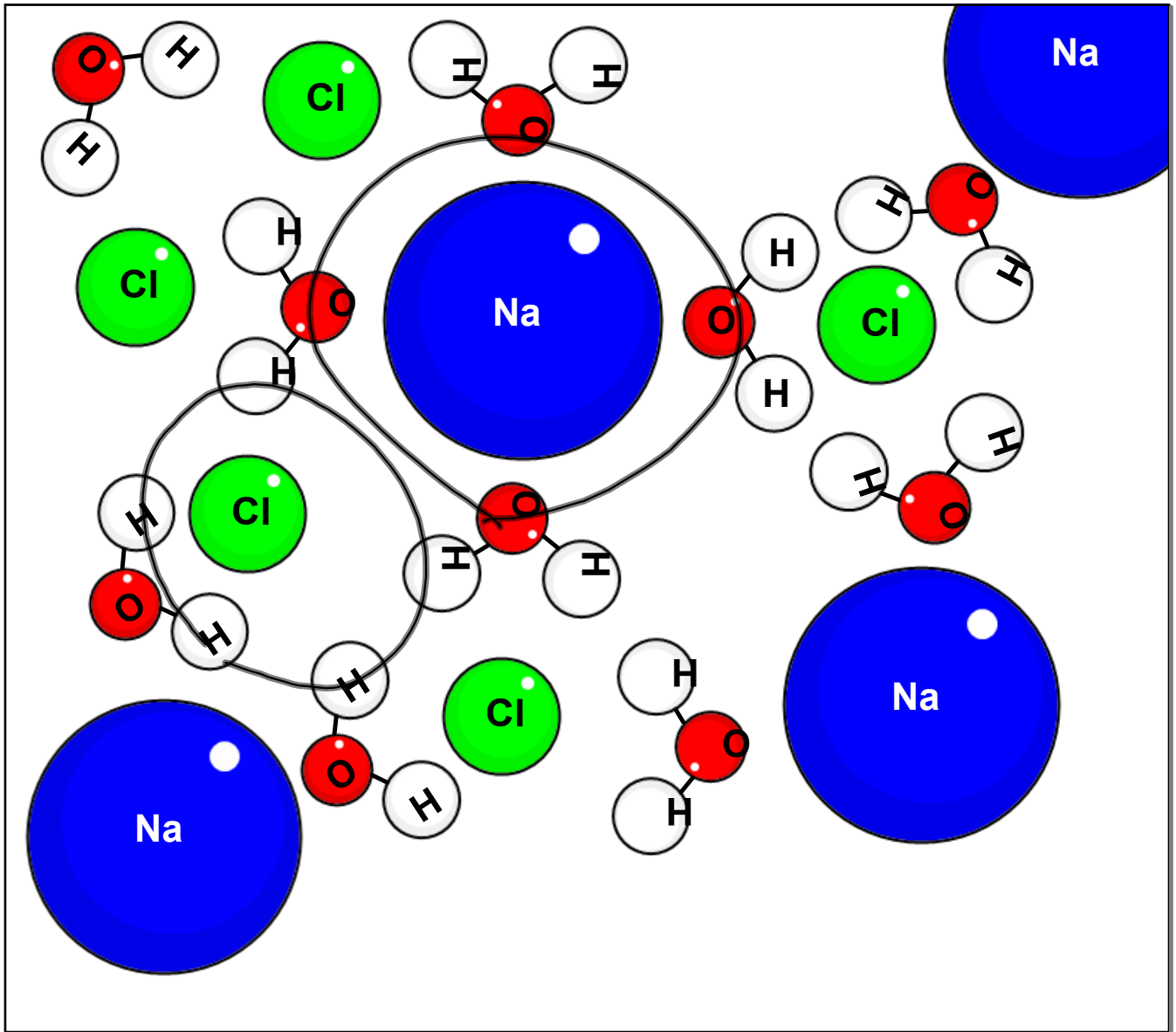
Solution- a mixture in which one or more substances are evenly distributed in another substance



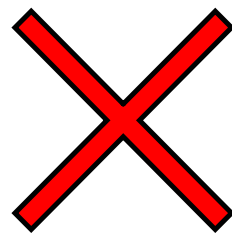
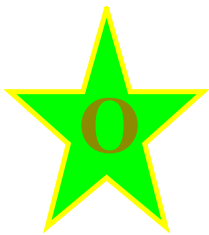


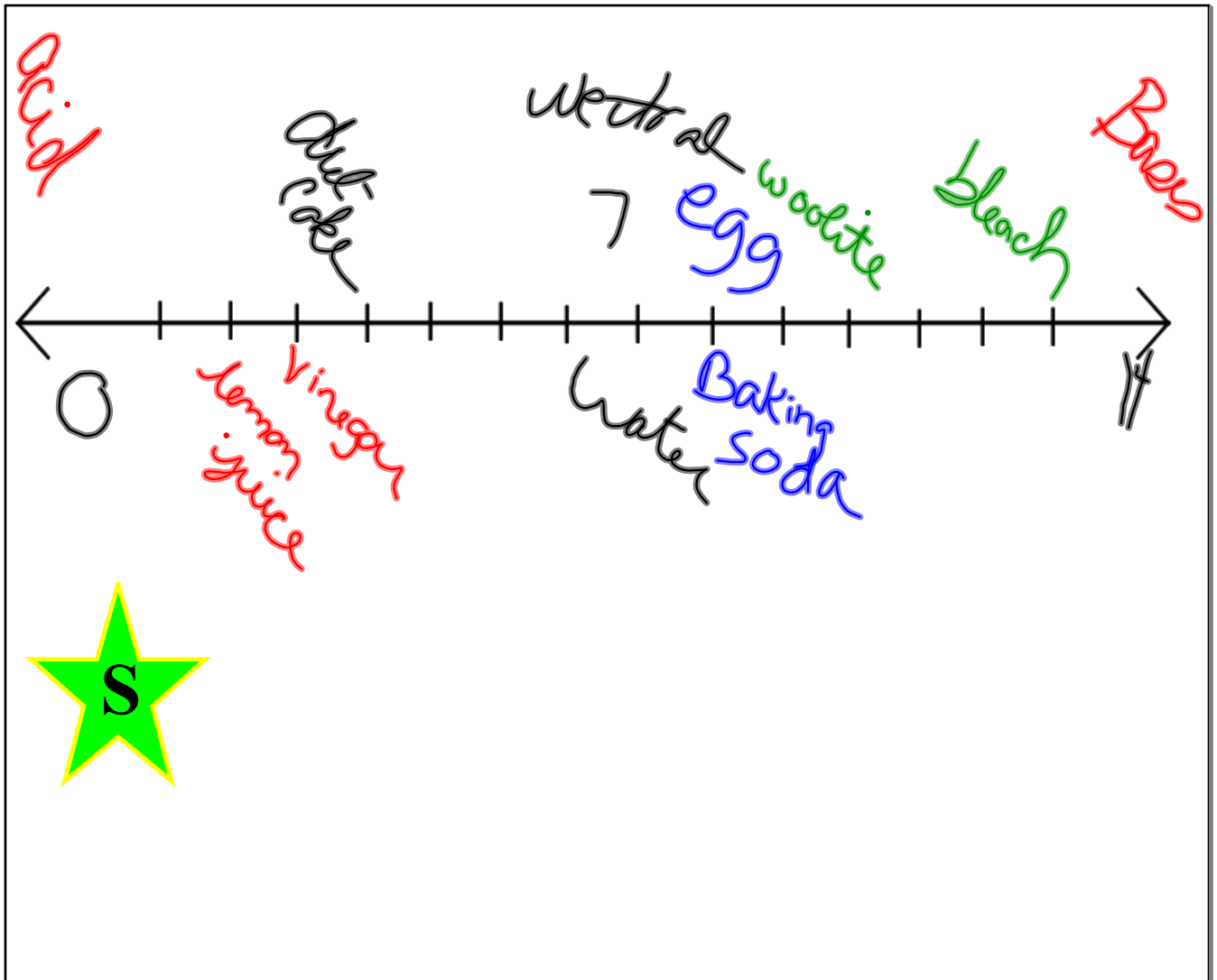
**Ionic
compounds
and polar
compounds
dissolve best in
water.**





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



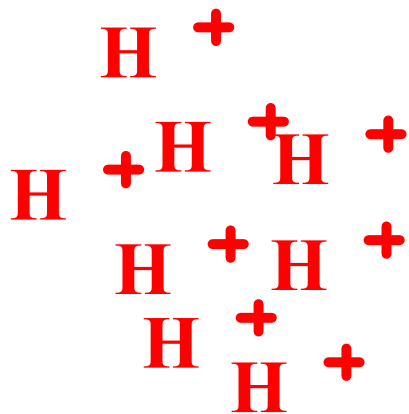




- 1 HCl
- 2 Lemon Juice
- 3 Vinegar, cola
- 4
- 5 Spinach
- 6 Rainwater
- 7 Saliva, Blood
- 8
- 9 Baking Soda
- 10
- 11 Ammonia
- 12
- 13
- 14 NaOH

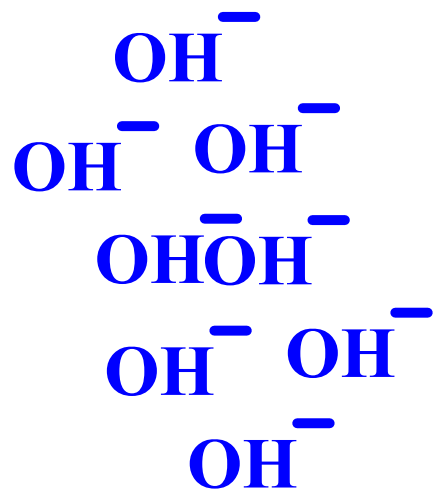


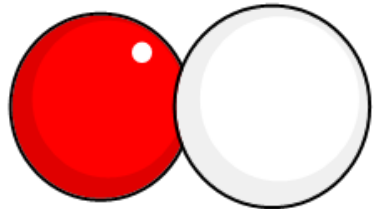
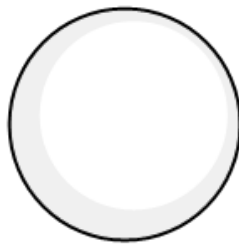
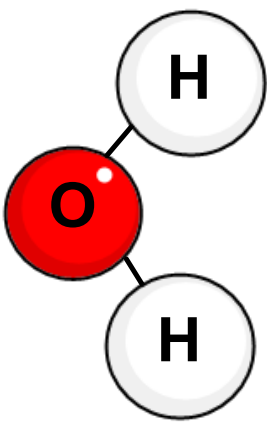
Acidic



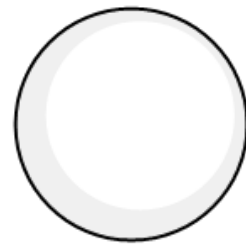
Neutral

Basic





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



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

