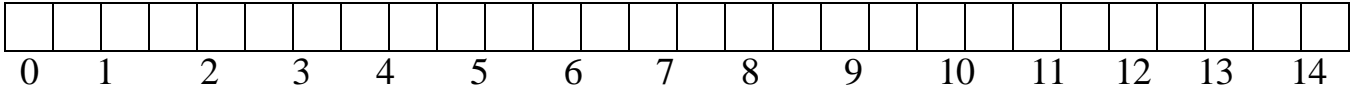


# Effects of pH Changes on Aquatic Plants and Animals

<u>pH Ranges that Support Aquatic Life</u>	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14
Bacteria:	1.5_____13.5
Plants:	6.5_____12.0
Carp,suckers,catfish:	6.0_____9.0
Bass, crappies:	6.5____8.5
Snails, clams, mussels:	7.5__9.0
Trout, frogs, aquatic invertebrates:	6.5_7.5
<small>(most mayfly, stonefly, and caddisfly nymphs; tadpoles)</small>	

## pH Scale:



**Directions:** Measure the pH of the liquids listed below. First guess (hypothesize), then test. On the pH scale above, write in the name of each liquid tested next to its pH value.

Name of Household Liquid	pH value - My Guess	pH value - Actual Test

Could trout or frogs live in these liquids? Explain.