

6^o 1C.9 ACID/BASE MINI-LAB

Substance Tested	pH	Acidic or Basic?	Substance Tested	pH	Acidic or Basic?
Orbit Lemon ^{juice}	2	Acid	Hand Soap ^{"soft"}	6	Acid
hydrogen ^{peroxide}	3	acid	bleach	11	base
Wink pickle juice	1	acid	FANTASTIC cleaner	11	BASE
strawberry Poptart	2	Acid.			
Brown sugar poptart	7	Base Neutral			
Soap steril cheeks	6	Base ^{pk.} acidic			
Capri Sun ^{fruit punch}	2	acid			
lemon Soap	7	base neutral			
Dish Soap ✓	7	neutral			
Sticker doodle	8	base			
Hand soap ^{soft} x2	4	acid			
vegetable oil	6	acid			
detergent	10	base			
B&P LAYS x2	6	BASE Acid			
Nacho Doritos	6	Base Acid			
Ajax	10	BASE			

Hand Soap 6 Acid

HOMEWORK:

1. Copy the class data onto your lab report.
2. Use the class data to construct a pH scale like the one in Figure 1.44 on page 70 in your text.
3. Write an interpretation to your lab including the answers to these questions:
 - a. What patterns do you see in the data?
 - b. What types of substances are acidic? What types are basic?

categories / groupings