

20 1C.9 ACID/BASE MINI-LAB 30

Substance Tested	pH	Acidic or Basic?	Substance Tested	pH	Acidic or Basic?
Windex	10	Base	Hand Lotion	7	neutral
Chewy Granola Bar	7	Neutral	soap H ₂ O	8	basic
Windex	8	BASE	granola	7	neutral
Cinnamon	6	Acid	COOKIE. c. chip	7	neutral
lab soft soap	6	Acidic	lemon juice	2	Acidic
Elmers Glue stick	11	Very Basic	LA'S totally awesome!!!	11	Basic
Cinnamon	6	acidic	p.b. granola	6	acidic ^{weak}
GUM	8	Basic	Chips ahoy	9	acidic basic
Pinesol	5	acid	Axe	8	acidic basic
Mayonaisse	6	acid	Oreo	11	basic
soap	11	base	Chips lays ^{salt} vinegar	7	NEUTRAL
antacid	8	base	EYEDROPS	7	NEUTRAL
Coconut Spray	6	Acidic	Windex x2	11	BASE
chips	8	basic	Deorandant	5	Acid
			Windex	11	Base
			Almonds	5	Acid

Cracker ^{SUN} 8 acid
 Doritos 6 acid
 comp book ~~acid~~ 5 basic

HOMEWORK:

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