

Properties of Matter

Experiment #4 - pH Answer Key

*Arrange the tubes in order from strongest acid to strongest base with neutrals in the middle.

**Use the pH color scale on the pH strip package for the BEST color reference

***Water is the control group. In science experiments, we use a control as a standard to which comparisons are made.

Answer:

D, B, E, A, C, F

Acids: Lemon Juice and Gatorade

Neutrals: Oil and Water (control)

Bases: Soap and Lysol

Acids (reds)

Neutrals (no change)

Bases (blues)

Lemon Juice(D), Gatorade(B)

Oil(E), Water(A)

Soap(C), Lysol(F)