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Inquire!

- What is the mechanism of action for antacids?
- Do they all antacids have the same efficacy?

Explore: Determine the pH of common solutions

1. Use the table below to indicate whether an item is acid or base and what you predict the pH to be.:

Solution	Acid or Base	Predicted pH	Actual pH
Coffee			
Cola			
Distilled H ₂ O			
Detergent			
Bleach			
Apple Juice			
Antacid Solution			



2. Using the pH meter or simulation at https://phet.colorado.edu/sims/html/ph-scale/latest/ph-scale_en.html, measure the pH and validate your predictions

Tags: [quantitative reasoning](#)