Name
 Name

 Name these Acids:
 HI
 H2SO3
 H3PO4

 HNO3
 H3PO4
 H3PO4

 Write formulas for these acids:
 hydrofluoric acid:
 phosphorous acid:

 Name these bases and salts:
 KOH
 MgSO4

 Calculate:
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1. the pH of a 1.4  $\times$  10<sup>-2</sup> M NaOH solution

2. the  $[H^{\dagger}]$  of a solution with pH = 3.2

3. the  $[OH^{-}]$  of a solution with a  $[H^{+}]$  of 9.3  $\times$  10<sup>-4</sup> M

4.	In a titration, 25.0 mL of a 0.20 M NaOH solution is used to neutralize 10.0 mL of HCl.
	a. Write the equation for this neutralization reaction:
	b. Calculate the molarity of the acid:
5.	In a titration, 24.2 mL of 0.120 M Mg(OH) $_2$ were required to neutralize 33.1 mL of $H_3PO_4$ .  a. Write the equation for this neutralization reaction:
	b. What is the molarity of the acid?
6.	What is the word equation for the neutralization of a strong acid and strong base?
7.	In a neutral solution, moles of equal the moles of
8.	A pH of 7 indicates that a solution is; a ph <7
	would mean the solution is; and a pH >7 is a(n)
	solution.
9.	Contrast a strong acid with a weak acid:

Det	fine:
1.	titration-
2.	electrolyte-
3.	end point-
4.	salt-
5.	Arrhenius definition of an acid and a base-
6.	operational definition-
Fill	in the blanks:
1.	Acids have ataste, react with metals to produce gas, turn different colors according to pH, and are because their water solutions conduct electricity. On the other hand, bases have a taste, feel, turn different colors according to pH
	and are because their water solutions conduct electricity.
2.	Most cleaning products are ( acidic, basic ) while most foods are (acidic, basic)
3.	Bases turn litmus, phenolphthalein, and cabbage juice, and phenolphthalein, and cabbage juice