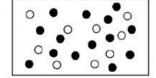
Na	nme: Page:	12. If you mix equal amounts of a strong acid (pH: 2) with a strong base (pH: 13), what do you think the new pH of the mixture would be?
	Mixtures, Solutions, and pH Review	
1.	Mixtures can be easily	13. Is trail mix a mixture or solution? Explain why.
2.	What is a mixture called when one substance is dissolved in another?	
3.	What is the substance called that makes the solute dissolve?	
4.	What is the substance called that gets dissolved?	14. How could you separate a solution of salt water? (How can you get the salt out of the water after it has already been dissolved?)
5.	When too much sugar is added to Kool-aid, no more dissolves and it settles to the bottom. What has this solution reached?	
6.	A substance with a pH less than 7 is a(n) (acid, base, or neutral?)	15. How could you separate a mixture of paper clips, sand, and salt?
7.	A substance with a pH greater than 7 is a(n) (acid, base, or neutral?)	
8.	Hydrochloric acid has a pH of 1, which makes it a (strong or weak acid or base, or neutral?)	
9.	Pure water has a pH of 7 which makes it  (strong or weak acid or base, or neutral?)	16. Water and sprite mixed is an example of a
10	. In Kool-Aid, what is the solute?	
		17. Oil and water mixed is an example of a
11	In Kool-Aid, what is the solvent?	
		18. Syrup is an example of a



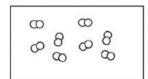
For #19-24, identify the picture as an <u>Element, Molecule,</u> <u>Compound, or Mixture</u>. Write the answer on the line.

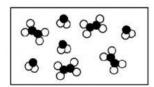
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19. \_\_\_\_\_

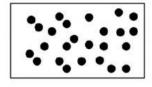
20. \_\_\_\_\_

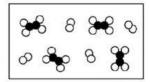




21. \_\_\_\_\_

22. \_\_\_\_\_





23. \_\_\_\_\_

24. \_\_\_\_\_

25. Fill in the chart comparing Mixtures and Solutions. You need at least 3 things in each side and 2 in the middle section!

Mixtures	Both	Solutions
- 1		
		S

