Mixture and Solutions Activities Answer Sheet (On the Web at http://www.udel.edu/sine/students/mixtures/)



Name:_

As you move each item from the bulldozer to the analyzer, record its name and what it contains. After the analyzer reports back, put a check in the correct column to indicate if this is a mixture or solution.

Item	Contains	Mixture	Solution
Bayling Sood	0=58000 Na=2700 C=1400 H= 126		√
Aluminum	100% Aluminum	1	
Paper	0 = 5306 C= 420% H=200 N=100, C=860 C=	re 1	
Soap	C=7190 0=12070 H=1190 No-690		/
OHNIC ACID	0=59070 C= 38070 H= 8070		1
Chair	0=5390 C=4200 H=200 N=100	1	
Rice	C= 3500 0= 3370 N=1900 H= 1000	Sther = 370.V	
Alum	0=5200 5= 23000 K=14070 B1=1000 H=	-	$\sqrt{}$
Vitamin C	0=56070 C=42070 H=2070		1
Carcium Clas	1de Chloride = 64970 Ca = 36970		1
Polyester	C= 6300 0= 3300 H= 400	1	
King	Human= 0=6500 C=18,500 H=9,500		
	N=3,300 Ca=1500 P=400 Si=.300		
	24 x GOID = AU = 100070 Otton= 0=56076		
	C=4200 1t= 2010 SIIK = C=4100		
	0=3300 N=1900 H= 7010		
Candelalora	andle = C=1290 0=1500 H=1370	_	
	cardiestick= Ag = 92,500 other=7.5	70 V.	`
FISH Strengton	Bone = 0 = 37070 Ca = 25% C= 15070	V	

Now that you have finished, what would you say is the difference between a mixture and a solution?

A mixture is a physical combination of substances.

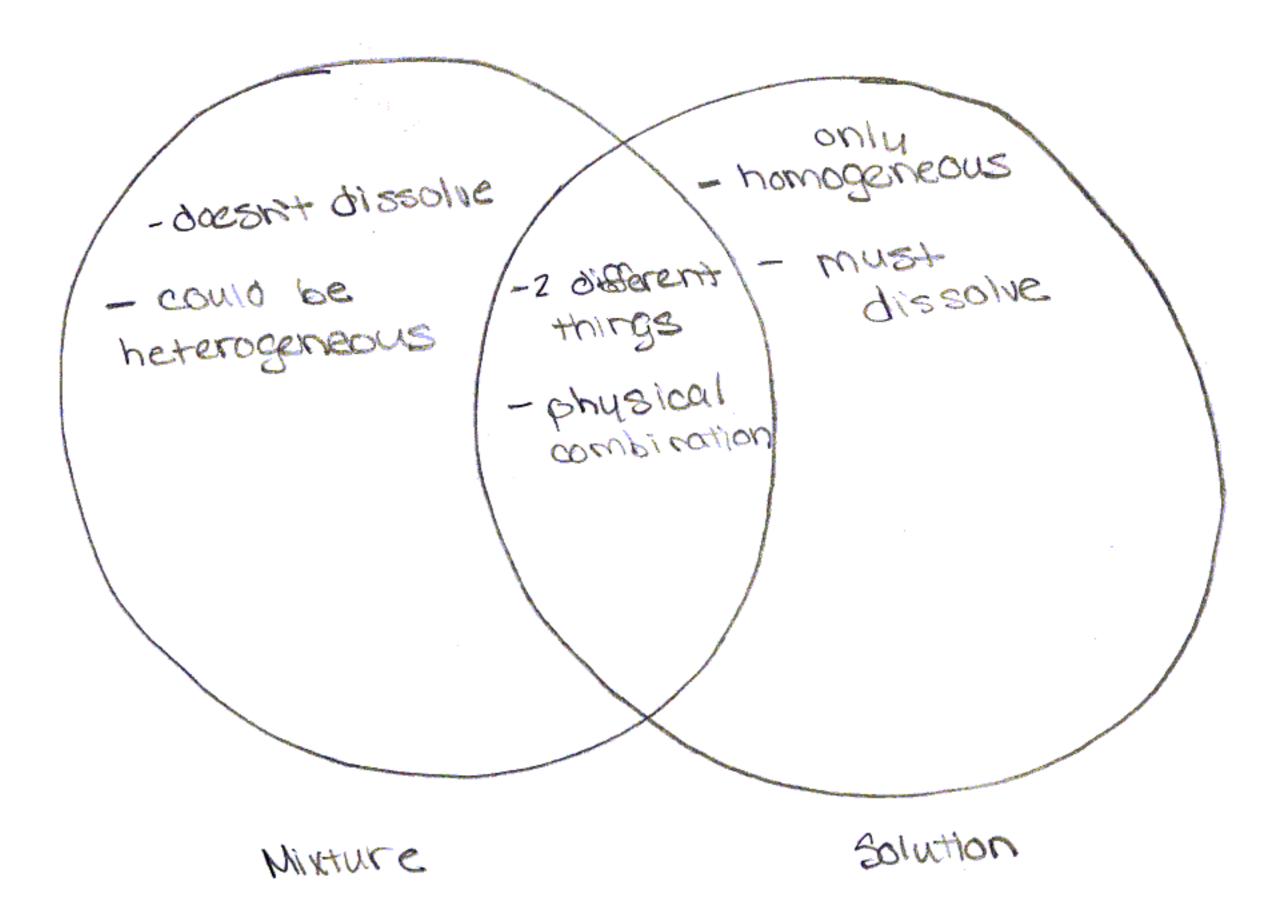
A solution is a homogeneous mixture.

What could you see on the Junkyard Analysis game to tell you if you had made a mixture or a solution?

A solution was usually given as little crushed up particles.

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gravel + water = mixture sugar + water = solution glasses + water = mixture