keintorcement

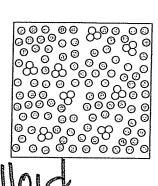
7th Grade: 10/29/15

It's All Mixed Up

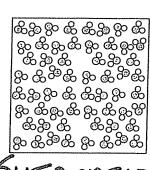
Complete this worksheet after you finish reading the section "Mixtures."

Label each figure below with the type of substance it BEST models: colloid, compound, element, solution, or suspension.

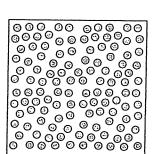
1.



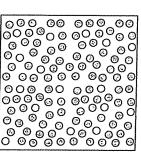
4.



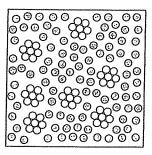
2.



5.



3.



Solution

Element

			•
		•	
·			

Name	Class	Date	
Reinforcement continued			
Why did you label the figures of	entral-4	H-tof-Sames	<u>Substar</u>
A= AHTTOUS LAENT	<u>10al Dui 19</u>	mae of d a	Herer
4 Laisa set Alina	es es al Haa		
1- Largest Clur	PATIL	DILTE MI	xture
= Sucona Larges	c clamps	E pecal	ise i
g-most tomage	reals mx	TYPE	
ROFESSOR JUMBLE'S CONFUSI	ON		rart
eaker of clear liquid on each of the to her lab this morning, all four the now which was which. She tested to the identity of each liquid in the identity of each liquid in the	peakers were on the l each beaker, and th fessor Jumble unjun	same shelf, and she did ne results are below.	
the identity of each liquid in the	3 DIANKS.		
Beaker A: 504400	Beaker C: _	Suspension	_
• Light passes right through.	• Liquid scat	1 -	
• Particles do not separate in a centrifuge or a filter.		trifuged into two olored layers.	
 Upon heating, the liquid evaporates, and a crystal powder remains. 	1	vere left behind in the	
Beaker B: Compund	Beaker D:	Colloid	_
• Light passes right through.	• Liquid scat	ters light.	
• Particles do not separate in a centrifuge or a filter.	1	ses through a filter aving a residue.	
 Upon heating, the liquid evaporates, but no residue remains. 			
 The particles could not be separated by any other physical changes. 			

	a)	Doto
Name	Class	Date
Skills Worksheet		
Critical Thinking		
•		
Jet Smart	`````	
You receive this letter from a top	-secrèt airplane man	ufacturer:
Agent X: We were impressed by your work needed in the design of our new help with one simple but import plane's engines. Our team has n and platinum. Your mission is a compare their properties, and re answer within 24 hours.	est stealth airplane, ant matter—selectinarrowed the choices to gather facts about ecommend the better	the FX-2000. We need your ag the best metal for the to two metals: titanium titanium and platinum, material. Report your
You immediately turn to your refetwo metals.	erence books and st	ıdy the properties of the
Platinium	Titanium	
• a precious metal	• a metal	
• density: 21.4 g/cm ³	• density: 4	4.51 g/cm ³
• resists corrosion	• resists co	orrosion
• melting point: 1,772°C	 melting p 	ooint: 1,675°C
• weaker than steel	• as strong	g as steel
Useful Term corrosion wearing away gradua	lly by rusting or the	action of chemicals
MAKING COMPARISONS 1. How are platinum and titaniu	m cimilar? How are	they different?
1. How are plannum and utallu	III SIIIIIai: 110W are	micy unitation.