ATOMS, MOLECULES, COMPOUNDS & MIXTURZES READING

https://education.jlab.org/qa/atoms_and_elements.html

Directions:

- 1) Read the two pages below from my website (see heading pictures for what pages to read).
- 2) Answer the questions based on the page of the website shown above.

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Q	uestions and	d Ansv	vers								
(What is an element? How many elements are there?)	Questions and Answ	r <mark>ers Main I</mark>	ndex	(W	hat are at	Questio oms, elem and mixtu	nents,				
What is the difference between	atoms and elemer	nts?									
Get ready for an imperfect analogy	y.										
1) Different types of ice cr	eam are like (ciro	cle): a	toms	0	r	elem	ents				
2) Scoops of ice cream are	like (circle):	atoms	or	el	emer	nts					
3)											
1. element	a.) the smal	a.) the smallest amount of an element									
2. atom	· · · · · · · · · · · · · · · · · · ·	b.) two or more atoms that are chemically joined together (H_2, O_2, H_2O, etc)									
3. compound	,	c.) a basic substance that can't be simplified (<u>hydrogen</u> , <u>oxygen</u> , <u>gold</u> , etc)									
4. molecules	· · · · · · · · · · · · · · · · · · ·	d.) a molecule that contains more than one element (H_2O , $C_6H_{12}O_6$, etc)									

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		Question	s and A	nsw	iers						
	(What is the difference between atoms and elements?)	Questions and	estions and Answers Main Index Next Question (What is a mixture?)								
What is the simplest way of explaining what atoms, elements, compounds and mixtures are?											
4) The	e smallest parts of matter	are called						·			
5) A _ atom.		is a pure	substand	ce tha	t is ma	ide o	nly fro	m one	e kind (of	
6) A of	is a substance made by combining two or more different types elements that have been chemically joined.										
•											
	Examples of these inclu	de:									
		(),				(),		
		_ (_), &				(),	
7) A	materials in such a way					ing tv	wo or r	more	differe	nt	
	Examples of these inclu	de:									