Name. Date.	Name:	Date:
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"Unlocking the Secrets of Matter: A 20-Question Challenge for 7th Graders!"

O a O b O c	hich of the following is a characteristic of a solid? Has no fixed volume Flows easily Takes the shape of its container Definite shape
2. A g	jas has a definite volume but no definite shape.
O a	True False
3. Wh	nat is the process called when a solid turns into a liquid?
_	nat is the smallest unit of an element?
O a	Ion
	Atom
	Compound
Oa	Molecule
	nich of the following are pure substances? Select all that apply)
а	Salt
☐ b	Gold
C	Water
d	Air
6. All	gases have a definite shape and volume.
O a	True
O b	False

8. Which state of matter expands to fill its container?			
O a	Gas		
O _b	Plasma		
O c	Solid		
O^{d}	Liquid		
	nich of the following are changes of state? Select all that apply)		
а	Evaporation		
	Melting		
	Sublimation		
d	Condensation		
10. A	liquid has a definite volume and shape.		
O a	True		
O p	False		
11. N	ame a property that is common to all gases.		
12. W	hat type of matter is made of two or more different elements?		
O a	Solution		
O p	Element		
Oc	Compound		
Od	Mixture		
	hich of the following can be considered as a solution? Select all that apply)		
a	Air		
	Oil and water		
	Sugar water		
	Saltwater		

7. What do you call a mixture where you can see the different parts?

14.	An element can be broken down into simpler substances.
O a	True
Ö	False
	What is the term for a substance that cannot be separated into simpler substances?
16.	Which of the following is NOT a state of matter?
Oa	Gas
O l	Energy
	Solid
0	Liquid
17.	Which of the following are properties of solids? (Select all that apply)
	Fluidity
	Definite shape
	Definite volume
	Incompressibility
18.	A compound is a type of mixture.
O a	True
O	False
19.	What happens to particles in a solid when it melts?