Studer	nt's Name
THIN	KING WITH SCIENCE
Observ	vation Quiz
Lesson	17 (The Changing Weight)
1. The	difference in the weights in trials A,B,C and D is caused by:
	A. the sinkers
	B. the fluids
	C. the nails
	D. the scale
2. All 1	iquids and gases can be called:
	A. substances
•	B. fluids
	C. neither of the above
	D. both of the above
3. Why	is the scale called a "reverse" scale?
	A. because the numbers on it are reversed.
	B. because you have to add nails to cup A.
	C. because you have to subtract nails from 600.
	D. all of the above.
4. How	could you easily tell that the sinker weighed less in B than in A?
	A. the A end of the scale was up before more nails were added.
	B. it took more nails to make the scale go down with B.

C. both of the above.D. neither of the above.

D. none of the above.

A. the fluids B. the jars C. the sinker

A. solid B. gas C. plasma D. liquid

5. The manipulated variable in this focus was:

6. Which of the following is not a state of matter?

	7. Which of the following is not one of the three main components of air?
	A. carbon monoxide
	B. nitrogen
	C. oxygen
•	D. carbon dioxide
	8. What is the most abundant gas in air?
	A. oxygen
	B. nitrogen
	C. carbon dioxide
	D. carbon monoxide
	9. Which of the following would kill you if you drank a cupful?
	A. hydrochloric acid
	B. rubbing alcohol
	C. Clorox
	D. all of the above.
	D. an of the above.
	10. What do we program our space probes to look for on other planets?
	A. rocks
	B. mercury
	C. oxygen
	D. water
	11. Which of the following does Drano not dissolve?
	A. protein
	B. carbohydrate
	C. fat
	D. all of the above.
	12 Why is a "tran" magning in all designation of
	12. Why is a "trap" required in all drain pipes?
	A. to keep mice out.
	B. to keep sewer gases out.
	C. to keep rats out.
	D. to keep water out.
	13. The main difference between fluids A,B,C and D that caused the different weights is:
	A. evaporation
	B. thickness
	C. density
	D. weight

C. complete	
D. final	
15. Eggs float in:	
A. tap water	
B. alcohol	
C. salt water	
D. all of the above.	
16. Things weigh more in fluids that are less:	
A. dense	
B. thick	
C. heavy	•
D. clear	
17. Why do air bubbles go upward in any liquid?	
A. they like to float.	
B. they have less gravity.	
C. they are less dense.	
D. liquids are dense.	
18. Why did the test subject weigh only 5 pounds after 1 hour in Lake Drano?	
A. because Lake Drano was more dense.	
B. because Lake Drano dissolved everything except his skeleton.	
C. because Drano doesn't dissolve carbohydrates.	
D. because he was not cooperative.	
19. Why did the test subject weigh less in Puget Sound than in Clear Lake?	
A. Puget Sound is salty.	
B. Clear lake is fresh water.	T.
C. Puget Sound is more dense than Clear Lake.	
D. all of the above.	
20. To "refute" a conclusion means:	
A. to prove it true.	
B. to prove it false.	
C. to confirm it.	
D. to change it.	

14. If a conclusion is supported by the data and not refuted by the data, we can call it:

A. reliable

B. tentative

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Quiz	for L	. 0880 1	17	·		Quiz Number _
1.	A	B	C	D.	E	
2.	A	В	C	(d)	E	
3.	A	В	©	D	E	
4.	A	В	©	D	E	
5.	(A)	В	С	D	E	
6.	A	В	©	D	E	
7.	A	В	C	D	E	
8.	A	B	c	D	E	
9.	A	В	C	D	E	

A B C D E

(C)

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11. A B C D

12. A B C

13. A B C

14. (A) B C

16. A B C

В

A B C

A B C

B

B

15. A

17.

18.

19,

20.

10.