Name:	Class:
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Unit 3 Study Guide

1.	How many calories are in every gram of carbohydrate?
2.	What types of food sources do we get most of our carbohydrates from, (plant or animal)?
	What FOOD GROUP do we get most of our carbohydrates from?
	What is the main function of carbohydrates?
	If you eat more carbohydrates than your body needs for energy, how will your body store them?
ŝ.	What are the three types of carbohydrates?
	a
	b
	C
7.	Which is a better energy source over a prolonged period of time, (complex starches or simple sugars)?
3.	Will complex starches eventually break down into simple sugars?
Э.	How many grams of fiber should the average American consume each day?
10.	. Fiber can only come from what kind of food source, (plant or animal)?
11.	. What are the other two names for fiber?
12.	. What substance must fiber have in order to "do its job" effectively?
13.	. List two negative health consequences of not getting enough fiber:
	a
	b
14.	. What part of fruits/vegetables have the most fiber?
15.	. What types of leavening agents do QUICK BREADS use?
16.	. What type of leavening agent does YEAST BREAD use?
17.	. What gas is produced when leavening agents react to raise quick or yeast breads?
18.	. What ingredient does yeast feed on?
19.	. What ingredient controls the growth of yeast?
20.	. What is the best way to develop gluten in YEAST breads?
21.	. What is the best way to develop gluten in QUICK breads?
22.	. Describe two characteristics of an under-mixed muffin:
	a
	b
23.	. Describe two characteristics of a perfectly mixed muffin:
	a
	b
24.	. Describe two characteristics of an over-mixed muffin:
	a
	b
25.	. Describe two characteristics of a perfect biscuit:
	a
	b
	

26. What are	e the two most important steps in b	iscuit	t making?
a			
b			
27. Which ty	pe of rice has the most fiber and is	the "	'whole grain" form of rice?
28. Which ty	pe of rice is pre-cooked and then d	ehydr	rated?
29. When co	ooking rice, the lid should be		·
30. When co	ooking pasta, the lid should be		·
31. What is	the RICE YIELD ratio (Dry:Cooked)? _		
32. What is	the PASTA YIELD ratio (Dry:Cooked)	?	
33. If a prod	uct claims that it is "Whole Wheat"	, wha	at parts of the wheat kernel must it use?
Match the p	art of the wheat kernel with the nu	trient	ts it provides:
Nutrients:			Parts:
	per, Vitamins, Minerals		A: Endosperm
	arch, Protein		B: Germ A
	Isaturated Fatty Acids, "B" Vitamins	. Iron	
	• •	,	
			В.
			(±)
Match tha	hasis ingradiants to the nurness in	a aui a	sk broad
<u>iviateri trie i</u>	basic ingredients to the purpose in a	a quic	ck breau.
Purpose:			<u>Ingredients:</u>
	_Body/Structure		A: Salt
38	Produces CO2 to make light, airy a	nd po	orous B: Flour
39	Flavor		C: Fat
40	Tenderness, some flavor and richn	ess	D: Leavening Agent
41	To dissolve leavening agent and pr	e moisture E: Sugar	
42	Flavor and Browning		F: Eggs
43	Color, texture and nutrients (espec	cially _l	protein) G: Liquid
Match the	type of sugar with its other commo	n naı	me.
44.	Sucrose	A.	"Fruit Sugar"
45.	Fructose	В.	"Malt Sugar"
46.	Maltose	C.	"Blood Sugar"
47.	Lactose		"Table Sugar"
48.	Glucose	E.	"Milk Sugar"