Class Date	
Skills Worksheet Directed Reading A	0
Section: Metamorphic Rock 1. Which rock's name comes from the Greek words for "changed" and	
"shape" a. metamorphic b. sedimentary liferous limestone	
 d. igneous 2. What kind of rocks are rocks in which the structure, texture, or composition have been changed? a. fossiliferous limestone b. igneous c. metamorphic 	
 d. sedimentary 3. What force or forces can create metamorphic rocks? a. cooling b. heat and pressure c. melting d. erosion 	
ORIGINS OF METAMORPHIC ROCK 4. The heat and pressure at which some metamorphic rocks originally for at pressure at pressure	rm res and
5. Pressure caused by large movements within the crust value of the second of the seco	elves in
-ual hands.	
from the magma increases and its decreases are decreased and its decreases and its decreases are decreased and decreased are decreased and decreased are decreased and decreased are decreased as decreased are decreased are decreased as decreased are decreased as decreased are decreased are decreased are decreased as decreased are decreased are decreased as decreased are decreased as decreased are de	K
formations, occurs. 9. Regional metamorphism occurs deep in the Earth's	

	Name		Class	Date
	Directe	d Reading A continued		1
0	COMPOS	ITION OF METAMORPHI	C ROCK	
	10	 a. Which of the following i a. forms only at a certai b. forms only in sedime c. forms only at certain d. forms only in metamo 	n temperature ntary rock temperatures	of an index mineral?
8	11	 a. calcite b. quartz c. staurolite d. hematite 	minerals is an exa	mple of an index mineral?
	12			mineral that indicates that a depth and under extreme
(B)	TEXTURES	OF METAMORPHIC RO	СК	
	13.	What do we call metamo aligned? a. foliated b. intrusive c. nonfoliated d. extrusive	rphic rocks in wh	iich mineral grains are NOT
	14.	What is the process in whetamorphism called? a. recrystallization b. nonfoliation c. foliation d. deformation	hich a mineral cha	anges composition during
	15.	After quartz limestone ha a. schist. b. gneiss. c. slate. d. quartzite.	s recrystallized, t	he new rock is called

Name		Class	Date
Directed	Reading A continued		3
		was at town Milito	the letter in the space
Match the provided.	correct description with the co	orrect term. write t	me letter in the space
16.	a rock in which coarse-graine	ed minerals	a. foliated
separate into distinct ba	separate into distinct bands		b. shale
17.	a foliated metamorphic rock r	nade from shale	c. slate
18.	the texture of a metamorphic the mineral grains are arrang bands		d. phyllitee. schistf. gneiss
19.	a metamorphic rock made from has been exposed to heat and		
20.	a sedimentary rock made of l	ayers of clay	
21.	a metamorphic rock made from has been subjected to heat an		
метамо	RPHIC ROCK STRUCTURES		
22	. What is a change in the shap	e of a rock caused	l by a force placed on it
	called?		
	a. deformation		
	b. recrystallization		
	c. foliation		
	d. nonfoliation		