Name	Class	Date

Skills Worksheet

Critical Thinking

ANALOGIES

In the space provided, write the letter of the pair of terms or phrases that best complete the analogy shown. An analogy is a relationship between two pairs of words or phrases written as a : b :: c : d. The symbol : is read "is to," and the symbol :: is read "as."

_ 1. coal dust : black lung _	6. bacteria : antibiotics ::
disease ::	a. Lyme disease : habitat
a. lead : learning problems	destruction
b. particulates :	b. vector : cross-species
gastrointestinal infections	transfer
c. pesticides : farming	c. virus : vaccine
d. bacteria in food :	d. malaria : global warming
influenza	0
<u>-</u>	7. mosquitoes : malaria ::
_ 2. dose : response ::	a. fish : cholera
a. chemical: pollution	b. emerging viruses : AIDS
b. air : lungs	c. bacteria : tuberculosis
c. accident : injuries	d. snails : schistosomiasis
d. snail : vector	
<u>-</u>	8. rodent : hanta virus ::
_ 3. radon : granite bedrock ::	a. dog : hookworm
a. particulates : water	b. smoking : lung cancer
b. selenium : soil	c. resistance : pesticides
c. gasoline : vehicles	d. duck : Hong Kong flu
d. asthma : lungs	
-	9. directly by pollution :
_ 4. wastewater : toxic	indirectly by pollution ::
chemicals ::	a. river blindness :
a. drinking water : bath	tuberculosis
water	b. asthma : lung cancer
b. particulates : air	c. lead poisoning : cholera
c. bath water : bathing	d. birth defects :
d. raw sewage : pathogens	brain damage
_ 5. toxic chemicals : health	10. epidemiology : disease ::
problems ::	a. cooking : eating a meal
a. bacteria : pathogens	b. collecting wastes:
b. pathogens : infectious	landfills
diseases	c. farming : using pesticides
c. rain : clouds	d. detective work : crime
d. disease : soil erosion	

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Cı	ritical Thinking continued		
	ERPRETING OBSERVATION		
Rea	d the following paragraph,	-	
	West Nile virus is an emand birds, as well as oth West Nile virus. In 2001 virus in any human or othe East Coast of the Uthe year before. By the birds, and horses had be	her animals. Mosquito , there had never been other animal in Illinois nited States had been end of summer in 200	es are the vector for n a case of West Nile n, although birds on found with the virus
11.	What makes West Nile virus	s an emerging virus?	
	How do you think the West Explain your answer.	Nile virus got to Illin	ois and infected humans?
13	How can people help prote	at themselves from W	est Nile virus?
٠.		ct themselves from w	est the virus.
13.		ct themselves from w	est the thus.
13.		ct themselves from w	est the thus.
13.		ct themselves from w	est the thus.
13.		ct themselves from w	
13.		ct themselves from w	
13.		ct themselves from w	

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Critical Thinking continued		
AGREE OR DISAGREE		
Agree or disagree with the follo	wing statements, and	support your answer.
14. Forest fires are always a na	tural source of polluta	nts.
15. Industrial chemicals have n or live near factories.	o effect on people's he	ealth unless people work in
16. A friend of yours recycles a she never litters. She claims agree or disagree with her?	s that she does not cau	

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Critical Thinking continued		
REFINING CONCEPTS		dt
The statements below challenge covered in the chapter. Think of		
17. Epidemiologists predict the outbreak of a new, very visenvironment would increase	rulent strain of influenz	a virus. What kind of
18. What makes virus-caused some bacterial diseases be		•
19. A city has an outbreak of health workers take?	a disease. Using epidem	iology, what steps should