

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. carrying capacity :
population size ::
a. niche : habitat
b. amount of water : plant growth
c. death rate : birth rate
d. severe weather : density-dependent deaths
2. predator : prey ::
a. competition : species
b. grazing : herbivores
c. ants : acacia trees
d. parasite : host
3. species : population ::
a. heart : body
b. plants : animals
c. cows : herd
d. sunlight : trees
4. limiting resource : carrying capacity ::
a. turtle : pond
b. sunlight : plant growth
c. territory : density-independent deaths
d. population growth : parasitism
5. density : area ::
a. dispersion : niche
b. leaves : forest
c. growth rate : time
d. habitat : niche
6. relationship : symbiosis ::
a. evolution : population
b. business : partnership
c. mutualism : competition
d. health : illness
7. births : positive growth rate ::
a. reproduction : extinction
b. deaths : negative growth rate
c. limited resource : exponential growth
d. niche : habitat
8. long generation time : short generation time ::
a. dogs : cats
b. ants : dogs
c. elephants : bacteria
d. daisies : trees

Chapter 8, Environmental Science

Name _____ Date _____

Instructions: Complete the puzzle. Use the clues to help you find and circle the terms hidden in the puzzle.

F L P C E G Q N C Z W L U Y Z C C Y A O L C H V M E X
T W V E L D U S P T E A L I B O S M H R N X Y E X M
Z E L F Y L P T K H C S G C Z M W H X R R Q Q A P S
Y Y I U N Q T W C S O W P J Q E P V M R G Y V B L O I
K X U L G O E N Y Z Q A G C Y H E P R E D A T I O N L
P I R B W G C M U G Y H I A Q Q T L E X P E K P F E A
X V O E A S B R Q C Z L K M O P I J C T M T X C S N S
R Q Z V S I Y L Q Y V N P I N L T G R O K A Z A G T N
W F P L O X M B W I A C L M A B I K U J U R G R L I E
J N W S Y X Y R D L K Z U L O T O O N Y H F R O A M
G G I H X X W I F W B W K S S T N S S J E T Y Y B L M
J S B I L E P A R A S I T I S M I J E K A W F I I G O
X A V A X D O D U H Q Y K M D M E S R X Z O T N M R C
H I U S K G J I Q Z S E T A U W X Q G P J R R G U O B
M L U A S B K S E Q S S I V O H U N M S G G C W W W
E F A W R U L J E P F Q Z B R M N V L T U H L A P B H B
J X N R U L J E P F Q Z B R M N V L T U H L A P B H B
K Q A N P D F R A B U F F S Q E P I X C M H A Y C I
K X O L Q G Y S A L T Y D V I C T D M P I D H C Z L N
F H T Y V V L I Q W X U K L L B H I K N H F I F K U
M Y V Q D S V Q Y J V T Y A R Q K L R F Q Q T O Z V
U N U A M H F N B R X G B X U E N S F F M N Y B J L
T F D A K G I Q N P D B M T D Z O I U Z E V D T E I
G E R V C X R K C J M I E A U G X C J F J A M Z Y H I
O W X V Z G Z N Q N W V K S M O K P I X Y K I I N W A
T J J N Z F U E G N O I T A L U P O P A R F I T J R U
W E U R L U R E P R O D U C T I V E P O T E N T I A L

Clues:

1. growth rate
2. predation
3. commensalism
4. population
5. mutualism
6. dispersion
7. niche
8. parasitism
9. density
10. symbiosis
11. competition
12. limiting resource
13. exponential growth
14. carrying capacity
15. reproductive potential