Na	ame Class Date			
Section 5-3 Human Population Growth (pages 129-132)				
TEKS FOCUS: 2B Collect data with precision; 2C Organize, analyze, and predict trends from data				
This section describes how the size of the human population has changed over time. It also explains why population growth rates differ in countries throughout the world.				
Historical Overview (page 129)				
1.	1. How does the size of the human population change with time?			
2.	2. Why did the population grow slowly for most of human existence?			
3.	3. Circle the letter of each reason why the human population began to grow more rapid about 500 years ago.			
	a. Improved sanitation and health care reduced the death rate.			
	<b>b.</b> Industry made life easier and safer.			
	c. The world's food supply became more reliable.			
	<b>d.</b> Birthrates in most places remained low.			
Patterns of Population Growth (pages 130–131)				
	. Why can't the human population keep growing exponentially forever?			
5.	5. What is demography?			
6.	What factors help predict why the populations of some countries grow faster than others?			
7.	The hypothesis that explains why population growth has slowed dramatically in the			
0	United States, Japan, and much of Europe is called the			
8.	Throughout much of human history, what have been the levels of birthrates and death rates in human societies?			
9.	What factors lower the death rate?			

11. Complete the flowchart about the demographic transition.

12. Circle the letter of each sentence that is true about human population growth.

Changes brought about by modernization lower the \_\_\_\_\_\_ rate.

Births greatly exceed deaths, resulting in rapid population \_\_\_\_\_\_

As modernization continues, the birthrate \_\_\_\_\_\_ and population growth \_\_\_\_\_\_.

The birthrate falls to meet the death rate, and population growth \_\_\_\_\_\_.

**a.** The demographic transition is complete in China and India.

- **b.** The worldwide human population is still growing exponentially.
- **c.** Most people live in countries that have not yet completed the demographic transition.
- **d.** The demographic transition has happened in the United States.

**13.** What do age-structure diagrams graph? \_\_\_\_\_

**14.** What do the age structures of the United States and of Rwanda predict about the population growth of each country?

## Future Population Growth (page 132)

**15.** By 2050, the world's population may reach how many people? \_\_\_\_\_

**16.** What may cause the growth rate of the world population to level off or even slow down? \_\_\_\_\_

Name	Class	Date
	uggest will happen if the gr	owth in human population does
WordWise		
Use the clues to help you write the blanks. Then, put the numbered lett		
What kind of limiting factor dep	pends on population size?	
$\frac{}{1}$		
What occurs when the individu	• •	
		· <u> </u>
What is the movement of indivi-	iduals into an area called?	
	4	
What occurs when a population growth?	n's growth slows or stops fo	ollowing a period of exponential
	<u> </u>	
		lation is regulated by predation?
$\frac{1}{7}$		
What is the tendency of a popu and death rates called?	lation to shift from high bir	th and death rates to low birth
		. — — — —
What is the largest number of in	ndividuals a given environr	ment can support called?
Riddle: What is the scientific st	udy of human populations	called?

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**Answer:**