

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. demography : populations ::
a. ecology : atmosphere c. meteorology : weather
b. infant mortality : death rate d. agriculture : farming
- _____ 2. age structure : population pyramid ::
a. exponential growth : population growth
b. survivorship : survivorship curve
c. fertility rate : replacement level
d. population growth : increased food production
- _____ 3. immigration : population increase ::
a. migration : population decrease
b. emigration : movement out of an area
c. migration : movement into an area
d. emigration : population decrease
- _____ 4. preindustrial stage : small, stable population ::
a. transitional stage : population explosion
b. industrial stage : large, stable population
c. transitional stage : low growth rate
d. post industrial stage : population explosion
- _____ 5. infrastructure : community ::
a. wood : fuel for cooking
b. resource depletion : standard of living
c. foundation : house
d. drinking and washing : water supply
- _____ 6. suburban sprawl : traffic jams ::
a. overpopulation : wildlife habitat
b. unmanaged water supply : cholera
c. deforestation : fuelwood
d. nutrition : replacement rate
- _____ 7. family planning : fertility rate ::
a. wood : fuel source
b. education : infant mortality rate
c. economic incentives : replacement level
d. survivorship : life expectancy

Critical Thinking *continued*

INTERPRETING OBSERVATIONS

Read the following passage and answer the questions that follow.

The International Conference on Population and Development (ICPD) met in 1994 to discuss ways to slow the growth of the world population before Earth's resources are no longer able to support its population. The goals of the ICPD are to stabilize population growth by helping countries to develop and by helping improve the status of women. By 2015, the ICPD hopes to achieve these goals by providing access to safe and reliable family-planning methods, reducing infant and maternal mortality rates, increasing life expectancy, and achieving universal access to primary education.

- 8.** How does improving the status of women influence the fertility rate?

- 9.** How does decreasing infant mortality rate affect population growth?

- 10.** What are some ways that more access to primary education could be provided in less-developed regions of the world?

Critical Thinking *continued*

AGREE OR DISAGREE

Agree or disagree with the following statements and support your answer.

11. Population-related problems are primarily the concern of developing countries.

12. Life expectancy in less-developed regions will always be lower than in more-developed regions.

13. Only developed countries are urbanized.

Critical Thinking *continued*

REFINING CONCEPTS

The statements below challenge you to refine your understanding of concepts covered in the chapter. Think carefully and answer the questions that follow.

- 14.** Compare and contrast Stage 1 and Stage 3 of the demographic transition.

- 15.** Explain how rapid population growth can put a strain on resources and the environment and give examples to support your answer.

- 16.** What kinds of unexpected events or patterns might change the prediction of a human population of 9 billion by 2050?
