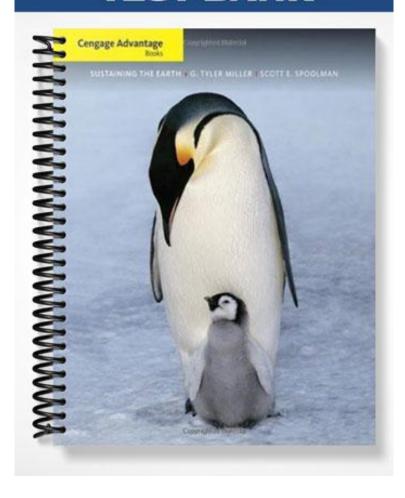
TEST BANK



Chapter 1--Environmental Problems, Their Causes, and Sustainability

Earth's capital includes all of the following except

A. species.

considered a(n)

A. natural income. B. trade-offs.

C. scientific solutions.

E. natural capital degradation.

D. environmentally sustainable society.

	B. sunlight. C. water. D. soil. E. nutrients.
2.	Which of the following does not describe a sustainable society?
	 A. lives off of income without depleting its natural capital B. meets the needs of its people without jeopardizing the needs of future generations C. manages its economy and population size without exceeding the carrying capacity of the environment D. utilizes nonrenewable resources for maximum benefit of the current generation E. protects the prospects of future generations of humans and other species
3.	Human lives and activities rely on
	 A. solar capital, natural resources, and natural services. B. environmentalism, ecosystems, and solar capital. C. natural resources, natural services and water resources. D. nutrient cycling, water resources, and environmentalism. E. solar capital, ecosystems, and natural capital.
4.	As part of the path to sustainability, tradeoffs most specifically refer to
	 A. trading environmental quality for economic growth. B. trading quality of life issues for ecological enhancements. C. resolving conflicts through compromise. D. solving environmental conflicts. E. recognizing that human activities degrade natural capital.
5.	Meeting current and future basic resource needs without compromising future generation's basic needs is

6.	The human population currently totals
	A. 87 million. B. 3.8 billion. C. 4 billion. D. 6.7 billion. E. 10 billion.
7.	The world's population is projected to
	A. stay relatively stable. B. continue to increase. C. only slightly decrease. D. decrease dramatically. E. go extinct in the near future.
8.	Which of the following statements about developing countries is <i>true</i> ?
	 A. They are highly industrialized. B. They have high average GNPs per person. C. The United States, Canada, and Japan are developing countries. D. Most of the projected increase in the world's population is expected to take place there. E. Their populations are projected to dwindling.
9.	Gross Domestic Product (GDP) measures
	A. death rates. B. economic growth. C. economic development. D. wealth of developing countries. E. wealth of developed countries.
10.	Approximately of the projected increase in world population is expected to take place in developing countries.
	A. 03% B. 15% C. 51% D. 75% E. 97%
11.	For something to be classified as a resource, it must
	A. satisfy a human need or want.B. be steadily renewed or replenished.C. be a form of matter.D. exist in great abundance.E. be renewable.

- 12. All of the following are potentially renewable resources except
 - A. groundwater.
 - B. trees in a forest.
 - C. fertile soil.
 - D. crude oil.
 - E. animals.
- 13. Use of a natural resource based on sustainable yield applies to
 - A. renewable resources.
 - B. nonrenewable resources.
 - C. perpetual resources.
 - D. amenity resources.
 - E. all of these answers
- 14. "Tragedy of the commons" involves deregulation of
 - A. private property.
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- 16. New efforts to prevent the "tragedy of the commons" could include
 - A. using common-property resources at or above their sustainable yields.
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- 17. Resources that are called nonrenewable are
 - A. also called perpetual resources.
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18. All nonrenewable resources can be

- A. converted to nonmetallic minerals.
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- 19. On the outskirts of a municipality lies a forest on public property. A person applying sustainable resource-use principles might suggest
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28. The country with the largest ecological footprint is

- A. USA.
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- A. the inability to live a healthy and productive life.
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 - D. Reliance on biodiversity at the gene, species, and ecosystem levels.
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- 40. An environmentally sustainable society must be based on policies which provide for economic growth and development.

True False

41. Developing countries have a significant negative effect on the environment because of the consumption per person and technological impact per unit of consumption.

True False

42.	Developed countries have a significant negative effect on the environment because of the consumption
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44. Affluence increases man's ecological footprint and compromises environmental quality for people all over the world.

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48. An environmentally sustainable society will require most middle income American workers to decrease their consumption of products.

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True False

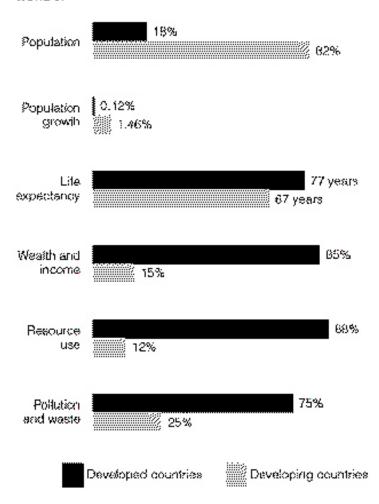
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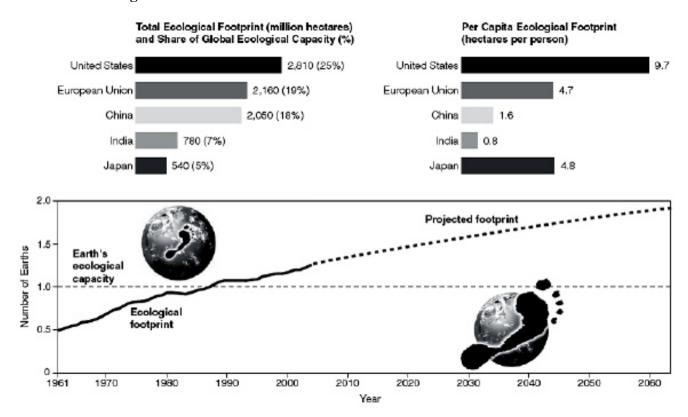
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	True False		
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57.	is the ability of the environment to function indefinitely in an optimally healthy		
	state.		
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61.	The action of processing plastic or aluminum cans into another usable product is called		
62.	Fish, freshwater, wild animals, and fertile soil are examples of		
63.	A social movement dedicated to protecting Earth's life support system for all living things is called		

64.	The United States, Canada, and Japan are examples of capita GDP.	with a high average per
65.	Food, water, shelter, and manufactured goods are and wants.	used to meet human needs
66.	The consequences of volcanic eruptions and burning co	oal are and
67.	Old soda bottles that were collected, washed, and refilled	ed are an example of
68.	Installing runoff curtains in a construction site is an exa	ample of
69.	Developing countries have a lowbecome environmentally sustainable.	, which poses a threat to their ability to
70.	are not owned by a single perspeople.	rson or organization, but are degraded by many

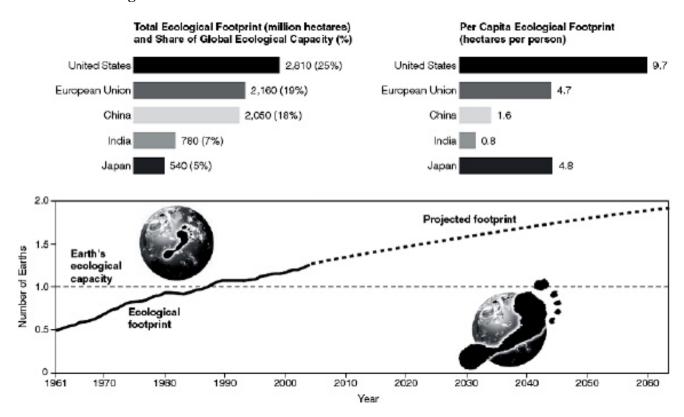
Percentage of World's:



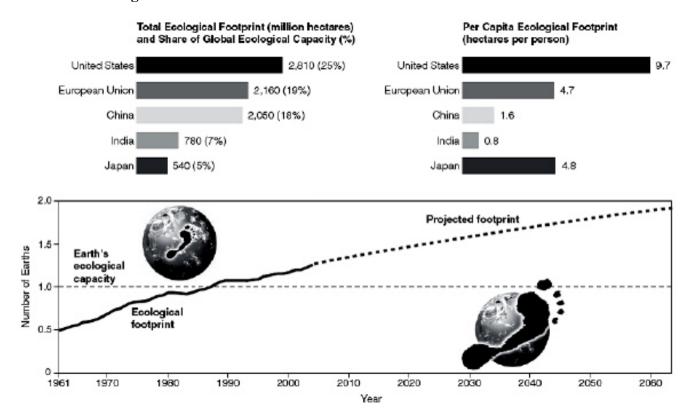
What does this graph say about the world's percentage of resource-use in developed countries?



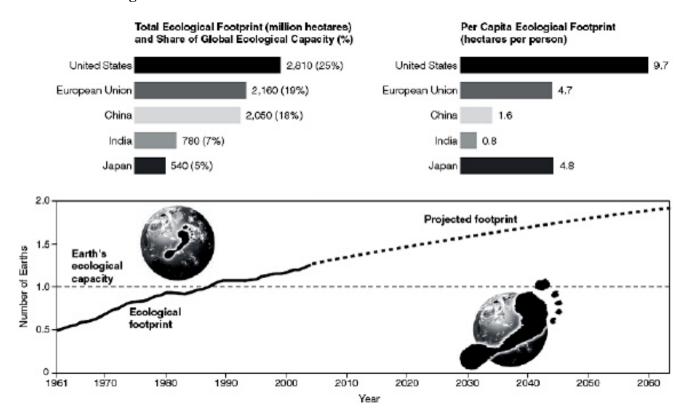
How many Earths are we currently using compared to Earth's ecological capacity?



What will happen if humanity's ecological footprint continues to be greater than Earth's ecological capacity?



Is China's total ecological footprint greater than that of India's?



What does the difference in ecological footprint between China and India mean?

76. What are the 5 basic causes of environmental problems?
77. Describe the environmental wisdom worldview and provide an example.
78. List the four scientific principles of sustainability and give an example of each.
70. Else the roar scientific principles of sustainability and give an example of each.

Chapter 1--Environmental Problems, Their Causes, and Sustainability Key

- 1. Earth's capital includes all of the following *except*
 - A. species.
 - **B.** sunlight.
 - C. water.
 - D. soil.
 - E. nutrients.
- 2. Which of the following does *not* describe a sustainable society?
 - A. lives off of income without depleting its natural capital
 - B. meets the needs of its people without jeopardizing the needs of future generations
 - C. manages its economy and population size without exceeding the carrying capacity of the environment
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A. groundwater. B. trees in a forest. C. fertile soil. **D.** crude oil. E. animals. 13. Use of a natural resource based on sustainable yield applies to **A.** renewable resources.

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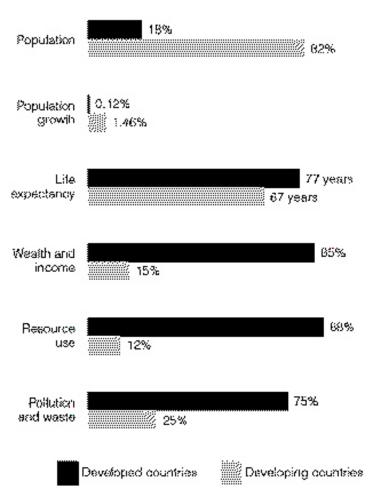
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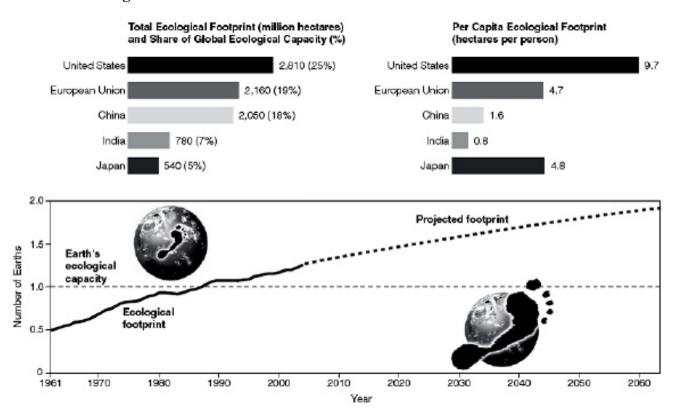
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The United States, Canada, and Japan are examples ofper capita GDP.	with a high average
developed countries	
Food, water, shelter, and manufactured goods areand wants.	used to meet human needs
<u>resources</u>	
The consequences of volcanic eruptions and burning coal are	and
global warming; air pollution Old soda bottles that were collected, washed, and refilled are an example	ple of
<u>reuse</u>	
Installing runoff curtains in a construction site is an example of	·
pollution prevention	
Developing countries have a low, which pose become environmentally sustainable.	ses a threat to their ability to
<u>GDP</u>	
people. are not owned by a single person or organization.	ntion, but are degraded by many
Common-property resources or Free-access resources	





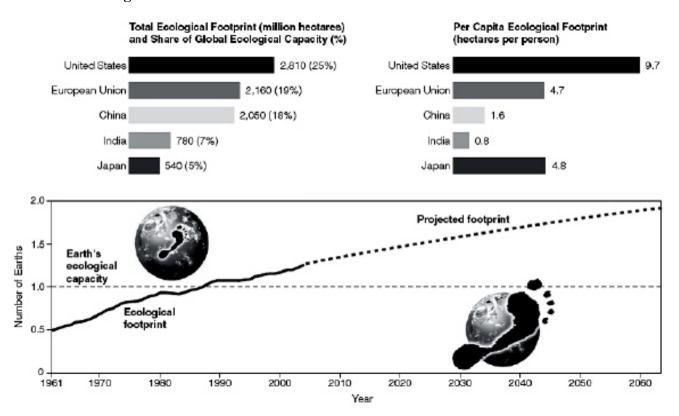
What does this graph say about the world's percentage of resource-use in developed countries?

Developed countries' populations use about 88% of the world's resources.



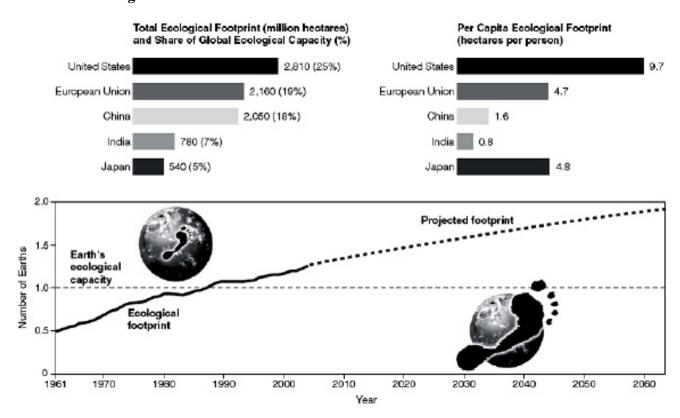
How many Earths are we currently using compared to Earth's ecological capacity?

1.25



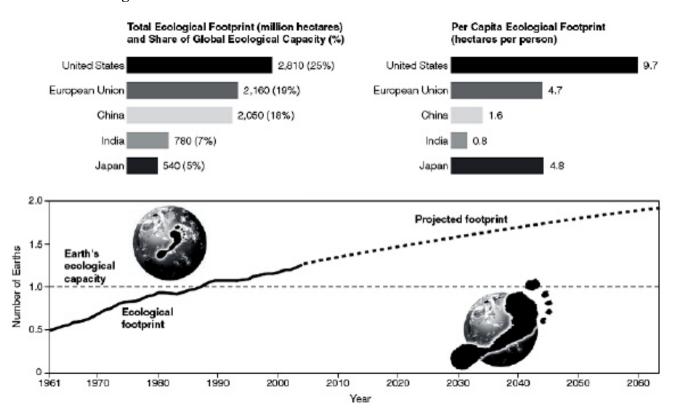
What will happen if humanity's ecological footprint continues to be greater than Earth's ecological capacity?

Humans will destroy their environment, more and more animal and plant species will be lost, poverty and disease will increase, etc.



Is China's total ecological footprint greater than that of India's?

yes



What does the difference in ecological footprint between China and India mean?

China's overall effect on the environment is more severe than that of India's.

76. What are the 5 basic causes of environmental problems?

"population growth, wasteful and unsustainable resource use, poverty, failure to include the environmental costs of goods and services in their market prices, and too little knowledge of how nature works."

77. Describe the environmental wisdom worldview and provide an example.

"we are part of and totally dependent upon nature and that nature exists for all species, not just us. It also calls for encouraging environmentally friendly forms of economic growth and development and discouraging Earth-degrading forms. Our success depends on learning how life on Earth sustains itself and on integrating *environmental wisdom* into the ways we think and act." Examples will vary.

78. List the four scientific principles of sustainability and give an example of each.

Reliance on solar energy, biodiversity, population control, and nutrient cycling. Examples will vary.