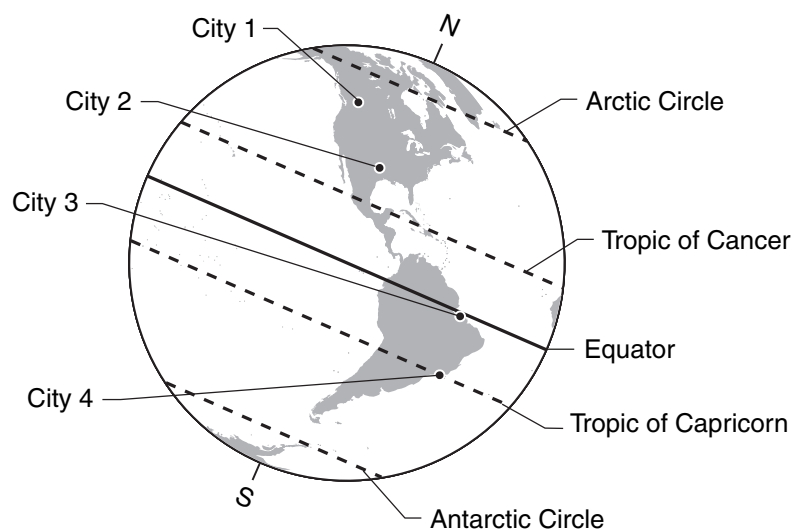


Now It's Your Turn

After you answer the practice questions, you can check your answers to see how you did. If you chose a wrong answer to a question, carefully read the answer explanation to find out why your answer is incorrect. Then read the explanation for the correct answer.

Question 39



Which of the following best explains why City 3 experiences the smallest change in day length between summer and winter out of the four cities shown in the diagram above?

- A City 3 is closest to the sun during the Northern Hemisphere's winter.
- B Earth completes one revolution of the sun about every 365 days.
- C Earth rotates on its axis about once every 24 hours.
- D City 3 is located closest to the equator.



Answer Key: page 145

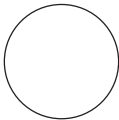
Question 40

October 2005

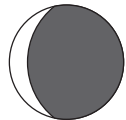
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	New moon 3	4	5	6	7	8
9	10	11	12	13	14	15
16	Full moon 17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Which of the following best represents the appearance of the moon on October 10, 2005?

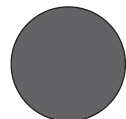
A



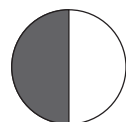
B



C



D



Answer Key: page 146

Question 41

Which of the following is the primary energy source that causes warm, moist air to rise over tropical oceans?

- A The sun's rays
- B Melting icebergs
- C Earth's rotation
- D Heat from Earth's core



Answer Key: page 146

Question 42

Which of the following processes is occurring when rainwater dissolves volcanic rock?

- A Folding
- B Deposition
- C Erosion
- D Faulting



Answer Key: page 146

Question 43

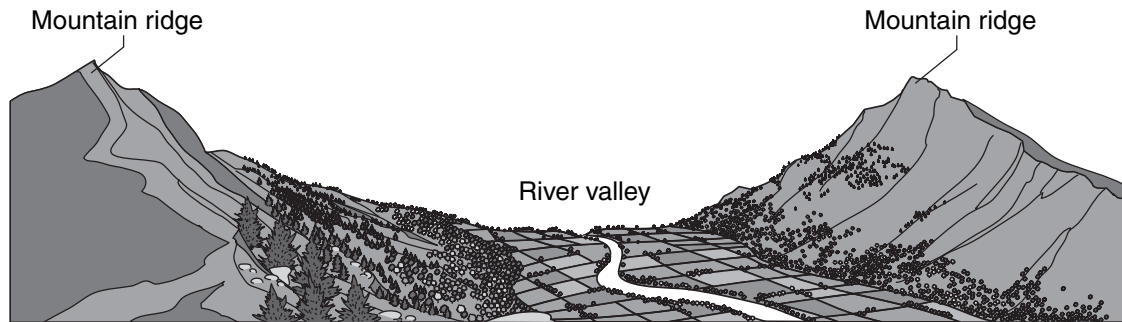
Nitrogen waste washing into a pond would most likely cause an increase in —

- A fish reproduction
- B flooding
- C water plant growth
- D evaporation



Answer Key: page 146

Question 44



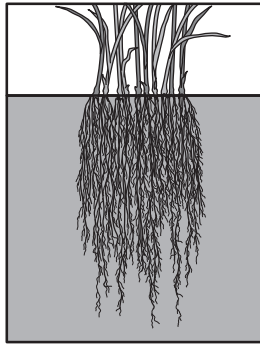
Which two processes contributed most to the accumulation of soil in this river valley?

- A Pressure and uplift
- B Erosion and deposition
- C Earthquakes and faulting
- D Percolation and evaporation

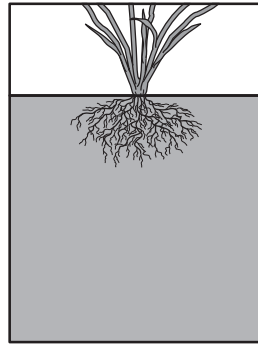


Answer Key: page 146

Question 45



Prairie grass roots



Wheat roots

Prairie grass may be better at preventing erosion than wheat is because the prairie grass roots are able to —

- A** use more mineral nutrients
- B** hold more soil in place
- C** absorb more water
- D** grow more slowly



Answer Key: page 146

Question 46



The map above shows the western coast of South America. Which process caused the upward movement that formed the Andes Mountains?

- A Seafloor spreading
- B Deposition of sediment
- C Tectonic plate collision
- D Erosion of rock layers

Question 47

A forest area is cleared and replaced with a parking lot. Over several years, water quality in this area will likely be harmed most by —

- A decreased water flow in streams
- B increased sediments in runoff water
- C increased oil products in groundwater
- D decreased animal waste

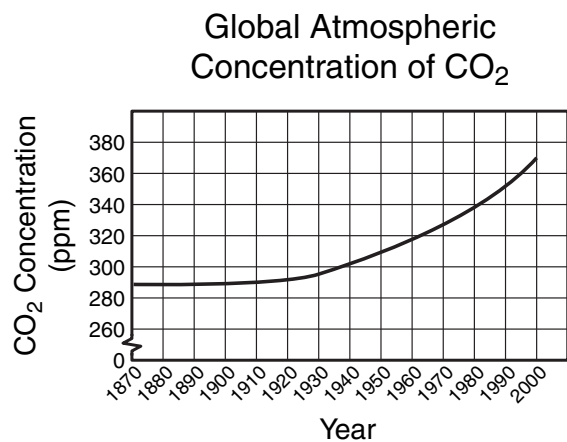


Answer Key: page 147



Answer Key: page 147

Question 48



Which human activity most likely contributed to the rapid increase in atmospheric carbon dioxide (CO₂) after 1930?

- A The burning of fossil fuels
- B The extinction of animal species
- C The destruction of natural wetlands
- D The planting of additional farm crops



Answer Key: page 147