Student Name _____

Teacher Name _____

School _____

System _____

MAAS

Tennessee Comprehensive Assessment Program

Modified Academic Achievement Standards ~ Grade 7

Practice Test

Version B

PEARSON

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Introduction

What is the TCAP Modified Academic Achievement Standards Test?

The TCAP Modified Academic Achievement Standards Test is a multiple-choice test designed to measure student achievement in certain skills in four content areas: Reading/Language Arts, Mathematics, Science, and Social Studies. The questions in this practice test are examples of items used in the actual test.

What are the questions testing?

Questions are written to test student performance in state content standards. The State Content Standards and Performance Indicators were developed by the Tennessee Department of Education. These Standards and Performance Indicators are listed on the State Department of Education Web site at http://www.state.tn.us/education/curriculum.shtml.

Who is eligible to be tested?

1. Students with a disability who are on an active IEP are eligible to take the MAAS.

2. Eligible students may have a disability in any of the Federal disability categories. Note: The category Functionally Delayed is a State category, but a student cannot be excluded from participation in this assessment based on category of disability. A student whose disability is classified as Functionally Delayed is eligible to participate in this assessment if determined eligible by the IEP team, but the student will be considered a non-participant and his scores cannot be counted for AYP. **A student classified as Functionally Delayed taking the test would not count toward the 2% cap because he is considered a non-participant.**

3. It is the decision of the IEP team whether or not a student with a disability should be assessed with the MAAS.

How long will the tests take?

The length of the tests will vary, depending on the grade level. The time limits are generous and allow most students time to finish. Extended time limits only apply to students who are eligible for special or English Language Learner (ELL) accommodations.

How will the tests be scored?

The test answers will be machine scored. Results from the test provide information about how well students performed on the content being tested.

May calculators be used?

Calculators may be used on Part 1 and 2 of the mathematics portion of the TCAP Modified Academic Achievement Standards Test (grades 3–8) as per system policy.

Which test accommodations may be used?

The TCAP Modified Academic Achievement Standards Test may be administered using various procedures that are used during the student's daily educational program. Certain conditions must be met for students to be eligible for special and ELL accommodations.

What is the purpose of the practice test?

In a classroom learning session, these questions can be used to prepare students for the actual test. Teachers can use the practice test to help familiarize students with the format of test questions and how the actual test will be administered. This practice test can also be used to inform parents of the type of test their children will be taking.

Here are some tips for preparing students for the test.

Remind students to:

Relax: It is normal to be somewhat anxious before the test. Remember that the score is only one of a number of measures of performance.

Listen: Listen to and read the test directions carefully.

Plan Use of Time: First, answer all the questions you are sure about. Do not spend too much time on any one question. If a question seems to take too long, skip it and return to it later if you have extra time.

Pause and Think: If you are not sure how to answer a question, carefully read it again. Rule out answer choices that you know are incorrect and then choose from those that remain.

Reading/Language Arts

Part 1

Directions **Read the passage. Then answer Numbers 1 through 5.**

An Outstanding Teacher

1 Ben dropped the crisp, white envelope into the gaping mouth of the mailbox and watched as it slid down the chute and disappeared. He felt proud, excited, and happy — and also a little nervous about whether his essay would win.

2 Ben's local newspaper, the *Metrowest Weekly News*, had advertised a contest inviting middle- and high-school students to submit essays in honor of a remarkable teacher. The newspaper would choose the five best essays and print them in the paper. As soon as Ben heard about the contest, he knew he wanted to write about his science teacher, Mrs. Gruen.

3 Mrs. Gruen was always so friendly and patient, and she always had something encouraging to say to her students. Even more importantly, she knew how to make science interesting and enjoyable. Mrs. Gruen had a way of linking something that interested the students to the material she was teaching. When Ben's class was learning about the laws of motion, for example, she drew a picture of a roller coaster on the chalkboard and showed her students how it would get faster and slower as it raced along its course. When her students were studying biology, Mrs. Gruen took them on a field trip to the woods behind the school and told them the names of all the plants and animals they found there. Before being in her class, Ben would have said he was uninterested in science, but now science was his favorite subject.

Go On ▶

4 Initially, Ben had struggled with his essay. He knew what he wanted to say, but he could not think of the right words. After he finished his first draft, he asked his older sister, Hannah, to review it. Hannah was in high school, but she had been in Mrs. Gruen's class two years ago. Mrs. Gruen sometimes asked Ben to say "hello" to Hannah for her. Mrs. Gruen never forgot any of her former students.

5 Eventually, after many more revisions, the essay was ready to mail. As Ben stood before the mailbox, his nervousness grew as he realized that the contest winners would not be announced for three weeks. He imagined how surprised Mrs. Gruen would be to open the newspaper and see her name in print. Ben hoped his essay would be good enough to win the contest.

6 When the big day finally came, Ben opened the newspaper and eagerly studied the columns of print for the essay he had written. He did not see his essay anywhere. He turned through all of the pages, but it was not there! Instead, he saw five other essays talking about five other teachers. Ben felt like a balloon that had suddenly lost all its air.

7 Hannah saw the look on his face. "Ben, what's wrong?"

8 "Nothing," Ben said. He shoved the paper aside and went to his room.

9 A few days later in science class, Mrs. Gruen asked Ben to stay after class for a few minutes. Ben wondered if he had done something wrong, but his teacher was smiling.

10 "Your sister stopped by yesterday afternoon," Mrs. Gruen told Ben. "It was so lovely to see her, and she brought me the most wonderful gift."

11 To his surprise, Ben saw that Mrs. Gruen was holding a copy of his essay.

12 "I hope you don't mind that Hannah let me read your essay, Ben," Mrs. Gruen said. "You have no idea how much it means to me that you enjoy my class and think I'm a good teacher. No reward or honor could ever be greater than this essay."

13 "OK," Ben said. He grinned, looked down, and shuffled his feet. "I have to go now," he said as he headed to the door. Then, he stopped and turned back. "Mrs. Gruen?"

14 "Yes?" she said, still smiling.

15 "I meant everything I wrote," Ben said. Then, he stepped into the hallway with his head held high.

1 **Ben struggles with his essay because he**

A cannot decide what to write about Mrs. Gruen.

B is afraid that Mrs. Gruen will not approve of his entry.

C has trouble finding the right words to describe Mrs. Gruen.

Go On ▶

2 **The reader best understands the character of Ben through what he**

F does.

G says.

H thinks.

3 **Which point of view does the author use in this passage?**

A third-person limited

B third-person omniscient

C first person

4 **Which question is not answered in the passage?**

F How long has Mrs. Gruen been a science teacher?

G Why does Mrs. Gruen ask Ben to stay after class?

H Where has Mrs. Gruen taken the class on a field trip?

5 **Which sentence best states the theme of the passage?**

A Not winning something one wants can be disappointing.

B Doing one's best is more important than winning.

C Winning a contest can cause difficulties.

Directions **Read and answer Numbers 6 through 9.**

6 **Read this paragraph.**

1) Jeff and I strolled into the candy shop and smiled. 2) We looked at the display case filled with fudge, lollipops, and jelly beans. 3) We gathered our ten pennies together and decided to buy some hard candies and two root beer floats.

Which sentence best indicates that the paragraph is set a long time ago?

F Jeff and I strolled into the candy shop and smiled.

G We looked at the display case filled with fudge, lollipops, and jelly beans.

H We gathered our ten pennies together and decided to buy some hard candies and two root beer floats.

7 **Choose the sentence that is written correctly.**

A Thomas's running speed has improved with practice.

B My cousins's favorite activity is discussing movies.

C My mothers' garden has the most colorful flowers.

8 **If a team member feels that the instructions for a group project are unclear, he or she should**

F remind the team members of the goals for this assignment.

G ask the other team members questions to clarify the task.

H do the same activities that other team members are doing.

Go On ▶

9 **Look at this photograph.**

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Which sentence best communicates the message presented by the photograph?

A Exercising with a friend is safe and fun.

B Helping a friend is unnecessary.

C People sometimes laugh at the gym.

Directions **Amelia wrote this book report for her English class. It contains mistakes. Read the book report and answer Numbers 10 through 20.**

1 Jefferson Fanning's book, *The King of My Neighborhood*, is a curious story with a message. The two main characters, Eddie and Riley, try to solve a mystery about a family that is new to their neighborhood. The father of the new family, Akim Okoro, behaves in a strange way. This behavior leads the boys to believe that he must be a king from a country in Africa. Eddie explains to Riley I think that Akim is a king visiting America. He wants to experience what life is like without reporters following him.

2 The central question of *The King of My Neighborhood* is not answered until the very end of the book. Therefore, the reader must keep track of the clues. Is Akim a king or just a regular neighbor? When the boys find out the answer, it no longer matters to them. They like and respect Akim. The message of the book is that we all have dignity and royalty within us.

3 The boys are not imagining the entire situation. Akim has many unusual qualities. Eddie and Riley also find many clues that support Eddie's argument. The boys hear marching-band music coming from the house one night. They think that the music must be a national anthem of some kind. The plot thickens when on another day Akim appears in a bright red uniform with gold stripes. On yet another day, Akim rushes to get inside a car. He looks as if he is hiding something. The boys wonder if he was hiding a crown.

4 Riley and Eddie are sure they are close to solving the mystery. However, no one else agrees with them. One friend thinks the music and the uniform suggest that Akim is a band director. Another friend believes that the uniform might mean that Akim works at a hotel. The boys know another neighbor who works at a fancy hotel downtown. Another friend believes the music is just a coincidence. Another idea is that Akim is an actor. Their friends' arguments make the boys begin to doubt that the new neighbor is a king.

Go On ▶

10 **What is the correct placement for Paragraph 2?**

F after Paragraph 3

G after Paragraph 4

H correct as is

11 **Read these sentences from Paragraph 1.**

Eddie explains to Riley I think that Akim is a king visiting America. He wants to experience what life is like without reporters following him.

Which revision of the sentences correctly uses quotation marks?

A "Eddie explains to Riley, I think that Akim is a king visiting America. He wants to experience what life is like without reporters following him."

B Eddie explains to Riley "I think that Akim is a king visiting America." He wants to experience what life is like without reporters following him.

C Eddie explains to Riley, "I think that Akim is a king visiting America. He wants to experience what life is like without reporters following him."

12 **Which sentence is the <u>best</u> conclusion for Paragraph 1?**

F The boys' attempts prove that their neighbor is royalty, which adds to the humor in the book.

G The reader is able to solve the mystery the author has created by the end of the book.

H In the end, the book becomes more of a comedy than a mystery, which makes it very enjoyable.

13 **Read these sentences from Paragraph 3.**

> Eddie and Riley also find many clues that support Eddie's argument. _____, the boys hear marching-band music coming from the house one night.

Choose the transition that belongs on the blank.

A Yet

B At first

C For example

14 **Which sentence from Paragraph 4 is unnecessary?**

F Riley and Eddie are sure they are close to solving the mystery.

G The boys know another neighbor who works at a fancy hotel downtown.

H Their friends' arguments make the boys begin to doubt that the new neighbor is a king.

15 **Which sentence <u>best</u> supports the ideas in Paragraph 4?**

A Akim is obviously someone important based on the behaviors the boys observe.

B People offer simple explanations for the strange facts about Akim.

C Akim enjoys listening to music so much that he just might be a conductor.

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16 **This book report is an example of which types of writings?**

F narrative and descriptive

G technical and persuasive

H persuasive and descriptive

17 **Who would be most interested in reading this book report?**

A writers who are looking for new story ideas

B students who enjoy mysteries

C teachers who are interested in solving problems

18 **Which sentence from the book report is the thesis statement?**

F Jefferson Fanning's book, *The King of My Neighborhood,* is a curious story with a message.

G The central question of *The King of My Neighborhood* is not answered until the very end of the book.

H One friend thinks the music and the uniform suggest that Akim is a band director.

19 **The main purpose of this book report is to**

A inform readers about the events in a new book by Jefferson Fanning.

B explain to readers that Akim is the most interesting character.

C entertain readers with a funny story about two boy detectives.

20 **Choose the best title for Amelia's book report.**

F Who Is the Real King Around Here?

G Eddie and Riley Think about a King!

H Could There Be a King Next Door?

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Directions **Read and answer Numbers 21 through 23.**

21 **Read these sentences.**

> Lorena had the strangest sensation of having been to the amusement park before. Even her actions seemed strangely familiar.

Which foreign phrase do the sentences describe?

A *déjà vu*

B *faux pas*

C *du jour*

22 **Duane spends most of his time in the library doing research for a group project. He is <u>most</u> likely the group's**

F leader.

G recorder.

H information gatherer.

23 **Look at this photograph.**

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What type of conflict is shown in the photograph?

A person vs. technology

B person vs. self

C person vs. environment

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Directions **Read this passage. Then answer Numbers 24 through 30.**

The New Seven Wonders of the World

A Big Announcement

1 In September 2000, the whole world was watching Sydney, Australia, because the Summer Olympics were taking place there. Swiss adventurer and filmmaker Bernard Weber took advantage of this situation. He splashed down in Sydney Harbor in a special plane that could land on water. This stunt got the media's full attention. Weber used the opportunity to advertise a contest he was planning.

2 Weber explained his idea during media interviews. He wanted to update the list of the Seven Wonders of the World. Weber planned to host a contest for people all over the world. He wanted everyone to vote for the most impressive monuments. Landing his plane in Sydney was a way for Weber to start gaining support for his project.

A List Long Ago

3 Two thousand years ago, ancient historians made a list called the Seven Wonders of the World. Many of the sites on the list were located around the Mediterranean Sea. Some of these wonders included the Great Pyramid of Giza, the Hanging Gardens of Babylon, and the enormous Lighthouse of Alexandria.

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The Great Pyramid of Giza

4 Over time, however, all but one of the original wonders were destroyed. In fact, the only wonder that still exists is the Great Pyramid in Giza. Weber thought it was time to update the list. The biggest challenge would be choosing new wonders. There were so many excellent structures in the world. How could he pick just seven from so many possibilities?

A Matter of Public Opinion

5 Weber created a solution to this problem — a contest. He would let the people of the world decide. Weber created a foundation called "New7Wonders"

in 2001. Individuals could choose what they considered to be the current seven wonders of the world. Thanks to telephones and the Internet, people from all over the world could vote in the contest.

6 First, though, Weber needed a list of places that were important enough to be considered wonders. People across the world sent suggestions to the foundation's website. A group of building designers helped narrow the choices down to 21 finalists. The finalists included monuments such as the Statue of Liberty in the United States, the Eiffel Tower in France, and the giant statues on Easter Island in the South Pacific Ocean.

7 Finally, the time came to vote for the new seven wonders. Weber gave people one year to cast their votes. To raise interest in the contest, he went on a world tour. He visited each of the 21 locations. Weber traveled in unusual ways: on a camel, in a hot-air balloon, and by water plane. Everywhere Weber went, he inspired people to vote for their favorite monument. He encouraged people to think of the monuments as symbols of our shared human history.

8 To Weber's amazement, the competition was intense. Kings, queens, presidents, and leaders from all over the world urged people to vote for the wonder from their countries.

The Results Are In

9 One hundred million people voted on the new seven wonders. On July 7, 2007, the new wonders were shared with the world. The announcement of the winners took place in an exciting ceremony in Portugal. The winning wonders included the Great Wall of China and the Taj Mahal in India. Also on the list were Rome's Coliseum and the Mayan ruins of Chichen Itza in Mexico.

10 Weber was so thrilled about the number of people that voted in his contest that he started a new contest. He wanted people to vote for their favorite seven wonders of nature. The winners of that contest were announced in 2011. Weber's main goal — to raise awareness of our shared heritage — had been achieved.

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Colosseum, Rome (Italy)

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24 **Read this sentence from Paragraph 7.**

Weber gave people one year to cast their votes.

Which meaning of cast is used in the sentence?

F form

G throw

H enter

25 **What is the main reason Weber wanted to create a new list of wonders?**

A He wanted to make a movie about a contest that was open to people all over the world.

B He realized most of the original monuments had been destroyed.

C He hoped to be the first person to create a foundation to encourage global voting.

26 **Choose the sentence from the passage that contains an opinion.**

F He wanted to update the list of the Seven Wonders of the World.

G Two thousand years ago, ancient historians made a list called the Seven Wonders of the World.

H The announcement of the winners took place in an exciting ceremony in Portugal.

27 **The organization of the "A Matter of Public Opinion" section is best described as**

A cause-effect.

B comparison-contrast.

C chronological.

28 **The names of the original Seven Wonders of the World are found under the heading**

F A Big Announcement.

G A List Long Ago.

H The Results Are In.

Go On ▶

29 **Based on the photographs in the passage, a reader can conclude that the Wonders of the World**

A will be replaced soon with another list.

B have a variety of architectural styles.

C look similar to modern buildings.

30 **After reading the passage, a student wants to learn about the monuments around the Mediterranean Sea. Which research topic is the most focused?**

F records of ancient structures along the Mediterranean Sea

G challenges of construction around the Mediterranean Sea

H journals written by explorers of the Mediterranean Sea

Directions **Read the poem. Then answer Numbers 31 through 35.**

The Rain Cloud and the Camel

by Lori Mortensen

Said the rain cloud to the camel,
"Why don't you move away?
The desert's such a prickly place.
Why would you want to stay?

"Come with me and you will see
Where dandelions grow,
Where water sparkles in the streams,
And gentle breezes blow."

Said the camel to the rain cloud,
"Thanks for stopping by.
The desert is a prickly place
With seasons long and dry.

"But I would rather stay right here,
Where the sun shines warm and bright,
Where sandy dunes flow like the sea,
And stars fill up the night.

"Still, as you float through endless skies,"
Said the camel with a wink,
"I'm always glad each time you come
To share a rainy drink."

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Go On ▶

31 **Read Lines 3 and 4.**

The desert's such a prickly place.
Why would you want to stay?

In this sentence, the word prickly means

A uncomfortable.

B disturbing.

C sharp.

32 **Read Lines 5 through 8.**

"Come with me and you will see
Where dandelions grow,
Where water sparkles in the streams,
And gentle breezes blow."

Which sound effect is demonstrated in these lines?

F Repetition emphasizes the important details in the poem.

G Alliteration adds humor to the words of the poem.

H Rhyme provides a musical quality to the poem.

33 **Read Line 15 from the poem.**

Where sandy dunes flow like the sea,

The simile in this line is meant to suggest that the dunes

A are spread out.

B form near rivers.

C imitate the waves.

34 **Which lines from the poem best support the main idea?**

F Said the rain cloud to the camel,
"Why don't you move away?"

G Said the camel to the rain cloud,
"Thanks for stopping by."

H "But I would rather stay right here,
Where the sun shines warm and bright,"

35 **"The Rain Cloud and the Camel" is identified as a poem because**

A there are stanzas.

B there is one setting.

C there is dialogue.

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Directions **Read and answer Numbers 36 and 37.**

36 **Kenneth wants to show students in his culinary arts class how to chop vegetables correctly. Which medium would best support Kenneth's demonstration?**

F a poster showing broccoli growing in a field

G a video of a chef adding green beans to a dish

H a diagram showing an onion being sliced

37 **A student created these notes after researching various types of barns constructed in nineteenth-century America. Read these notes.**

- Most barns were rectangular, but some were round.
- Some featured a ramp to an upper floor for horse-drawn wagons.
- Colors varied, but red and white were typical colors.
- There is a much wider range of paint colors for barns today.

Which fact should not be included in the report?

A Most barns were rectangular, but some were round.

B Colors varied, but red and white were typical colors.

C There is a much wider range of paint colors for barns today.

STOP

DO NOT

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PAGE

Part 2

Directions **This speech was given by a student. Read the speech and answer Numbers 38 through 43.**

Let Us Serve

1 Hello, my name is Johanna Lindsay. I would like to thank the school board for letting me speak tonight, and I hope you will consider my suggestion.

2 I have an idea for a way that River Street Middle School students can get involved in our community. I suggest adding a community service day to the school calendar. A community service day would allow young people to work together at a scheduled time.

3 We have often heard the expression, "It takes a village to raise a child." I think this expression is incomplete. I believe that children are an important part of a village too. Even though we are young, we can make important contributions to our communities. We should have opportunities to offer our help.

4 Many other communities value students' service. For example, students in one city worked to clean up branches after trees in their parks were trimmed. Another group of students planted new trees and shrubs in public places in their town. Communities would have had to pay workers to do these jobs without this help. The volunteers probably felt very proud to help their communities even though the work was hard.

5 Student volunteers can have a positive impact on communities. They can also save communities billions of dollars. For example, cities could avoid spending money on salaries by encouraging student volunteerism. Wouldn't it be great if this kind of saving helped our community?

6 There are many benefits of volunteering. Volunteering helps students become more responsible and mature. Volunteering helps students to develop leadership and communication skills. Also, students who volunteer tend to be more successful in school. Finally, students who make a commitment to volunteer outside of school learn that others depend on them.

7 Some schools have programs that support student volunteer activities. Often, students are required to volunteer in their communities in order to receive a high school diploma. However, few schools actually set aside time for students to perform community service. You will be making a commitment both to students and to our community if you schedule a community service day.

8 The message is clear. We want to serve our community. Students will see the value of being involved in the community when they begin to volunteer.

9 Once more, I ask you to consider the idea of adding a community service day to the school calendar. Let's begin a tradition that will benefit all of us. Thank you so much for your time.

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38 **Read this sentence from Paragraph 5.**

> For example, cities could avoid spending money on salaries by encouraging student volunteerism.

What does volunteerism mean in this sentence?

F act of volunteering

G without a volunteer

H one who volunteers

39 **Choose the sentence that best states the main point of the speech.**

A I have an idea for a way that River Street Middle School students can get involved in our community.

B Even though we are young, we can make important contributions to our communities.

C Once more, I ask you to consider the idea of adding a community service day to the school calendar.

40 **Johanna used these note cards to organize ideas for her speech.**

1. Share the benefits of volunteering	2. Introduce and explain the student volunteer program	3. Talk about schools that would benefit from a student volunteer program

Based on the speech, what is the correct order of the note cards?

F 3, 1, 2

G 1, 3, 2

H 2, 1, 3

41 **Which sentence is a critique of the speech?**

A Johanna tells facts about volunteering and shares her idea for a volunteer day at her school.

B Johanna needs to be sure that the activities she mentions are possible for young students.

C Johanna shares ways that students can participate in community projects.

Go On ▶

42 **Which photograph could Johanna show to best enhance her speech?**

F a young person being interviewed for a job

G students picking up trash around a pond

H students gathered in front of a school building

43 **What is the main purpose of this speech?**

A to describe successful projects that were completed by volunteers

B to persuade a school board to approve a student volunteer day

C to inform a school about projects in the community that need volunteers

Directions **Read and answer Numbers 44 through 46.**

44 **Read this introductory paragraph from an essay.**

> There are two types of igneous rocks that are formed when volcanoes erupt. One type of rock is formed underneath the soil when melted rock, or magma, is trapped there and cools. The other type is formed above the soil after a volcano erupts and the lava cools on land. Where the two types of igneous rocks are formed is a primary difference between them. It is important to know how to tell one from the other.

What should the author include to <u>best</u> support the ideas presented in this essay?

F a chart comparing the two types of igneous rocks

G an illustration of a volcano during an eruption

H a diagram showing lava flowing on land

45 **A writer is researching the history of the first radio stations in America. Which source would provide the <u>most</u> appropriate information?**

A a book titled *Radio Stations: Then and Now*

B a website titled www.foreign#radio#stations.com

C a newspaper article titled "Local Radio Station Wins Award"

Go On ▶

46 **Read this paragraph from an article in a student newspaper.**

> Mrs. Carmody, the nutritionist for our school, is trying to offer foods that are both healthful and attractive to students. She has increased the options at the salad bar. I have noticed that more students are choosing to go to the salad bar, so all students prefer options. Mrs. Carmody has decided to increase the number of options for students in other ways. She believes that it is the obligation of the school to offer healthy options.

Which sentence from the paragraph shows an example of <u>inductive</u> reasoning?

F Mrs. Carmody, the nutritionist for our school, is trying to offer foods that are both healthful and attractive to students.

G I have noticed that more students are choosing to go to the salad bar, so all students prefer options.

H Mrs. Carmody has decided to increase the number of options for students in other ways.

Directions **Julie wrote this letter. It contains mistakes. Read the letter and answer Numbers 47 through 57.**

March 21, 2012

Dear Ms. Warner,

(1) I am Orchard Middle School's seventh-grade class president. (2) On behalf of my class, I would like to thank you for the tour of the chocolate factory. (3) We all thought the tour was educational and interesting.

(4) We enjoyed the short film *Our Sweetest Dreams* that we watched at the beginning of the tour. (5) We quickly understood why Evelyn and Howard Frank was needing more space. (6) We could not imagine how the Franks made so much fudge at home before finally opening the factory. (7) The factory made it possible for the Franks to make more fudge for their customers. (8) Learning about the Franks' success story was very inspiring.

(9) Jamal was our factory tour guide. (10) He informed us that the cocoa beans your company uses are harvested in Africa, South America, and other tropical places. (11) He showed us the machines used to process the beans. (12) We saw the machine that sorts the beans by the country where they were grown. (13) No one imagined in different countries that cocoa beans grown would have different tastes!

(14) The chocolate-making process is impressive. (15) However we think that, your employees are even more remarkable. (16) Jamal guided us expertly through the factory. (17) Many workers paused explaining their jobs. (18) The employees are proud of the product they make they were well informed and helpful.

(19) Jamal arranged a special chocolate-tasting experience for us. (20) The taste testing was at the end of the tour. (21) Jamal showed us examples of dark, milk, and white chocolates and taught us how to taste the differences between the three kinds. (22) It was a very enjoyable experience!

(23) Our tour of the frank chocolate factory was definitely educational. (24) The tour was also fun and delicious thank you again for allowing us to visit.

Sincerely,

Julie Mehall
Seventh-Grade Class President

Go On ▶

47 **Read the greeting from this letter.**

Dear Ms. Warner,

Choose the correct way to revise this greeting for a formal business letter.

A Dear Ms. Warner;

B Dear Ms. Warner:

C Dear Ms. Warner —

48 **Read Sentence 4.**

We enjoyed the short film *Our Sweetest Dreams* that we watched at the beginning of the tour.

Choose the correct way to revise the underlined words.

F short film, *Our Sweetest Dreams*, that we

G short film, *Our Sweetest Dreams* that we,

H short film, *Our Sweetest Dreams* that, we

49 **Read Sentence 5.**

We quickly understood why Evelyn and Howard Frank was needing more space.

What is the correct way to write the underlined words?

A will need

B have needed

C needed

50 **Read Sentence 13.**

No one imagined in different countries that cocoa beans grown would have different tastes!

Which has correct placement of the underlined prepositional phrase?

F No one imagined that cocoa beans grown would have different tastes in different countries!

G In different countries, no one imagined that cocoa beans grown would have different tastes!

H No one imagined that cocoa beans grown in different countries would have different tastes!

51 **Read Sentence 15.**

However we think that, your employees are even more remarkable.

Choose the correct way to write the underlined words.

A However we think, that

B However, we think that

C However we think that

Go On ▶

52 **Read Sentence 17.**

Many workers paused explaining their jobs.

Choose the correct way to revise the underlined words using an infinitive.

F to pause to explain

G to pause explaining

H paused to explain

53 **Read Sentence 18.**

The employees are proud of the product they make they were well informed and helpful.

Which is the best way to revise the sentence using a correlative conjunction?

A The employees are not only proud of the product they make but also well informed and helpful.

B The employees are both proud of the product they make and are well informed and they are helpful.

C The employees are either proud of the product they make or are well informed and helpful.

54 **Read Sentences 19 and 20.**

Jamal arranged a special chocolate-tasting experience for us. The taste testing was at the end of the tour.

Which is the most effective way to combine these sentences?

F Jamal arranged a special chocolate-tasting experience for us; and the taste testing was at the end of the tour.

G Although the chocolate-tasting was at the end of the tour, Jamal arranged a special taste testing experience for us.

H At the end of the tour, Jamal arranged a special chocolate-tasting experience for us.

55 **Read Sentence 21.**

Jamal showed us examples of dark, milk, and white chocolates and taught us how to taste the differences between the three kinds.

Choose the best replacement for the underlined word.

A with

B among

C correct as is

Go On ▶

56 **Read Sentence 23.**

Our tour of the frank chocolate factory was definitely educational.

Choose the correct way to write the underlined words.

F tour of the Frank Chocolate factory

G tour of the Frank chocolate factory

H tour of the Frank Chocolate Factory

57 **Read Sentence 24.**

The tour was also fun and delicious thank you again for allowing us to visit.

Choose the best way to correct this run-on sentence.

A The tour was also fun and delicious; and thank you again for allowing us to visit.

B The tour was also fun and delicious. Thank you again for allowing us to visit.

C The tour was also fun and delicious, thank you again for allowing us to visit.

Directions **Read and answer Numbers 58 through 61.**

58 **Jackson is writing a report about the invention of the cell phone. Which source is a primary source?**

F a nonfiction book about the invention of the cell phone

G a biography about the inventor of the cell phone

H a journal entry written by the inventor of the cell phone

59 **Which resource would provide the most reliable information about the music of Hungarian composer Franz Liszt?**

A an encyclopedia article written about Liszt's interest in music

B a newspaper article about an upcoming concert featuring Liszt's music

C a letter to the editor written by a conductor who has studied Liszt's music

Go On ▶

60 **Read this paragraph from a speech.**

> As you already know, starting a new club is a thankless task. For this reason, I have hesitated to suggest a new club, despite Mrs. Dehaven requesting one. I have spoken with many other students, though, and most agree that a science club is a great idea.

Which sentence from the paragraph is an example of false premise?

F As you already know, starting a new club is a thankless task.

G For this reason, I have hesitated to suggest a new club, despite Mrs. Dehaven requesting one.

H I have spoken with many other students, though, and most agree that a science club is a great idea.

61 **How should an office manager <u>best</u> communicate to employees the instructions for clearing a paper jam in a photocopier?**

A by sending an e-mail about the copier to some people in the office

B by posting a list of step-by-step directions at the copier

C by mailing workers a report about the problems with the copier

Directions **Read the drama. Then answer Numbers 62 through 69.**

The Fundraiser

CHARACTERS:
HOSHI, 13-year-old girl
ALLYSON, 14-year-old girl
PEDRO, 14-year-old boy

(Setting: HOSHI's living room on a Saturday afternoon. HOSHI, ALLYSON, and PEDRO enter, each carrying a violin case.)

PEDRO: (Collapses on the couch.) I can't believe we finally have the opportunity to attend and perform at one of the most famous music workshops in the state, and now we may not be able to go.

HOSHI: Try to be positive, Pedro.

ALLYSON: Positive? All the best groups will be there, except us.

PEDRO: Yeah, you heard what Ms. Valente said, Hoshi. Our invitation to the Winchester Music Workshop got lost in the mail. But invitations went out two months ago. Now we have only a month to earn the money to pay for the bus to take us there!

HOSHI: Come on, let's do some brainstorming. Surely, we can think of an idea to raise money for the trip. (Grabs a pad and pencil and sits next to PEDRO.)

ALLYSON: (Sits in a chair next to the couch.) Raising the money is not impossible, but it has to be something we can do quickly.

PEDRO: And easily. We've got to spend the next month rehearsing. We don't want to earn the money, go to the workshop, and then give a "substandard performance," as Ms. Valente would say.

HOSHI: So . . . any ideas?

ALLYSON: What about a craft fair? The one we organized last year raised more than enough money for us to attend the Sumner County Battle of the Bands.

Go On ▶

HOSHI: That's a great idea, but last year we had three months to organize the craft fair.

PEDRO: (Sighs.) This is hopeless. We don't have time to organize a fundraiser. We should spend this month rehearsing.

HOSHI: Well, why don't we order and sell a premade product, like T-shirts. We could take orders for the T-shirts and then send the orders and the money to the T-shirt company. It's simple.

ALLYSON: T-shirts are overpriced. If a company charges us $10 per shirt, we'd have to charge customers more than that to make a profit. Who would pay more than $10 for a T-shirt?

HOSHI: You're right. T-shirts are too expensive. (Slumps her shoulders.) What about you, Pedro? Any ideas?

PEDRO: I thought about a community garage sale, but we're already having one in a few months.

ALLYSON: This is frustrating! How can we possibly earn money without losing rehearsal time?

PEDRO: If I had a dollar for every hour I've spent practicing my violin, then we wouldn't need a fundraiser at all. Hey! We need to find sponsors who will pay us for each hour we spend practicing! They will be investing in our talent.

ALLYSON: Now, that's a great idea! When a person runs in a charity marathon, he or she collects pledges from sponsors before the race. The sponsors pay for each mile a person runs. We could prepare a special concert for our sponsors after the workshop. That way, our sponsors get a return for their investment.

PEDRO: We could tell our families, friends, and neighbors, and we could ask some local businesses too.

HOSHI: (Thinks out loud.) The sponsors could pay us a certain amount for each hour of practice. We have practices twice a week, and we'll probably need a few extra Saturday rehearsals. That adds up to about thirty hours of rehearsal before the workshop. We need to recruit as many sponsors as we can so that we get the money we need.

PEDRO: This plan is perfect because we'll earn money and work on our skills at the same time, but we have to get started now!

HOSHI: OK. Let's each write down the names of possible sponsors. Just think of all the practice we'll get. Isn't that what the workshop is all about — becoming better musicians?

PEDRO: (Excitedly.) So?

ALLYSON: So . . . what?

PEDRO: How long do you think it will take us to fill this violin case with donations from sponsors?

ALLYSON: I wonder how much more we could collect if we were carrying cello cases instead!

(The group laughs. As the lights fade, the musicians are writing lists of possible sponsors and talking excitedly.)

CURTAIN

62 **Read these lines from the drama.**

> **PEDRO:** And easily. We've got to spend the next month rehearsing. We don't want to earn the money, go to the workshop, and then give a "substandard performance," as Ms. Valente would say.

In the lines, substandard means

F completely original.

G less than what is expected.

H needing more experience.

Go On ▶

63 **Read these lines from the drama.**

> **ALLYSON:** This is frustrating! How can we possibly earn money without losing rehearsal time?

Based on the lines, the word frustrating means almost the same as

A boring.

B confusing.

C discouraging.

64 **Read this excerpt from the drama.**

> **PEDRO:** This plan is perfect because we'll earn money and work on our skills at the same time, but we have to get started now!

The part of the plot that is represented in the excerpt is the

F rising action.

G resolution.

H climax.

65 **The conflict in this drama can best be described as**

A person vs. environment.

B person vs. person.

C person vs. self.

66 **Which statement best describes the theme of this drama?**

F Success comes from learning to understand others.

G Building strong friendships can produce superior results.

H Solutions to problems may be easier than initially believed.

67 **If the drama continued, what would most likely happen next?**

A The students would plan a garage sale before attending the workshop.

B The students would wear T-shirts from their project to the workshop.

C The students would collect money to fund their trip to the workshop.

68 **The purpose of this drama is most likely to**

F entertain readers while describing an event.

G illustrate a complex idea by providing examples.

H persuade readers to change their position on a topic.

69 **The characteristics that most distinguish "The Fundraiser" as a drama are**

A plot and sequential order.

B dialogue and stage directions.

C descriptions and narration.

Go On ▶

Directions **Read and answer Numbers 70 through 73.**

70 **An interactive photography website allows visitors to use their computer mouse to point to parts of a digital camera. When the cursor is pointed at certain parts of the camera, text appears to tell how those parts work. The main purpose of this website is to**

F persuade users to purchase the camera.

G inform users about the features of the camera.

H entertain users by allowing them to play with the camera.

71 ***Haiku* is a Japanese form of poetry that contains three lines.**

Read these instructions for writing a haiku.

1. With the most vivid adjectives, write the haiku using this format: first line — five syllables, second line — seven syllables, last line — five syllables.
2. First, find a photograph of nature (a tree, a mountain, rain, stars).
3. Then, make a list of adjectives that describe this photograph.
4. Count syllables of the adjectives carefully.

What is the correct order for the list of instructions?

A 2, 3, 4, 1

B 2, 1, 3, 4

C 2, 4, 3, 1

72 **Read the announcement.**

Three local musicians are offering summer workshops at the community center. The workshops will take place in July.

Times	Monday	Tuesday	Wednesday	Thursday
9 A.M. – 11 A.M.	Bass Guitar Lessons	Guitar Lessons	Voice Lessons	Bass Guitar Lessons
10 A.M. – 12 P.M.	Bass Guitar Lessons	Voice Lessons	Voice Lessons	Drum Lessons
12 P.M. – 2 P.M.	Drum Lessons	Drum Lessons	Bass Guitar Lessons	Guitar Lessons
2 P.M. – 4 P.M.	Guitar Lessons	Voice Lessons	Guitar Lessons	Drum Lessons

Maya wants to improve her vocal skills and learn to play the drums. Which day can Maya attend workshops for both voice and drum lessons?

F Monday

G Tuesday

H Wednesday

Go On ▶

73 **Read this paragraph.**

The proposed street connecting Broadway Avenue and Mossy Lane will improve life in the city. Those who oppose this new street do so for selfish reasons. These stubborn citizens do not care that many people have to travel ten minutes out of their way just to get to Broadway Avenue. These citizens are simply foolish.

Which persuasive device does the author use in the paragraph?

A plain folks

B testimonial

C name-calling

STOP

DO NOT

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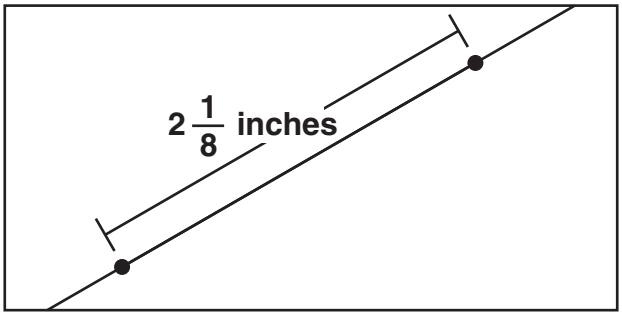
Mathematics

Part 1

1 Look at this map scale.

Scale
$\frac{1}{8}$ inch represents 5 miles

Patricia measured the distance between two points on this map, as shown.



According to the scale, what is the actual distance between the two points?

A 10 miles

B 40 miles

C 85 miles

Go On ▶

2 **Evaluate:**

$$10.8 - \sqrt{16} + 4\frac{1}{4}$$

F 2.55

G 6.30

H 11.05

3 Robert wrote a story.

- The introduction to the story was 4 pages long.
- Each chapter in the story was 12 pages long.
- The story had a total of 100 pages.

Which equation can be used to find *c*, the total number of chapters in Robert's story?

A $12c + 4 = 100$

B $12c - 4 = 100$

C $12(c + 4) = 100$

4 Which table shows an inversely proportional relationship between *x* and *y*?

F

x	*y*
1	14
2	13
5	10
7	8
8	7

G

x	*y*
1	36
2	18
3	12
4	9
6	6

H

x	*y*
0	0
2	6
5	15
7	21
9	27

Go On ▶

5 A teacher has 10 pieces of colored paper. This list shows how many pieces of paper there are in each color.

- Green: 4 pieces of paper
- Purple: 3 pieces of paper
- Red: 2 pieces of paper
- Yellow: 1 piece of paper

The teacher will randomly select one piece of paper. What is the probability that the piece of paper will be green or purple?

A $\frac{1}{5}$

B $\frac{1}{2}$

C $\frac{7}{10}$

6 Mr. Kendall bought a new car for a total price of $22,500.

- He paid $1,500 on the day he bought the car.
- He will pay the remaining amount of the total price in 60 equal payments.

This equation can be used to find p, the amount of each payment, in dollars.

$$1{,}500 + 60p = 22{,}500$$

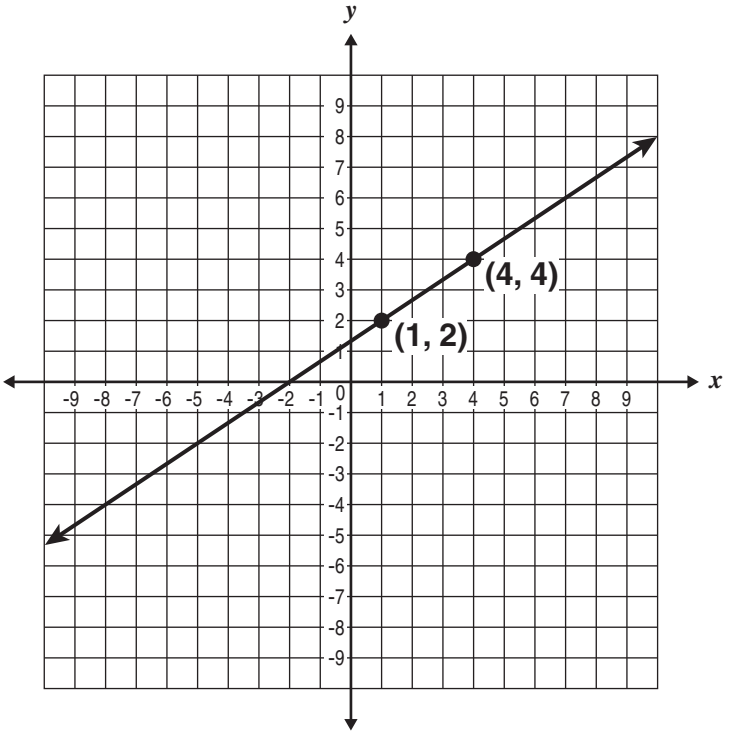
What value of p makes the equation <u>true</u>?

F $350

G $375

H $400

7 This line represents an equation.



What is the value of y in this equation when $x = -2$?

A -5

B 0

C 1

Go On ▶

8 Joseph made a cleaning solution. He mixed 1 fluid ounce of detergent with $\frac{1}{2}$ gallon of water. To make more of this cleaning solution, exactly how many fluid ounces of detergent should Joseph mix with $4\frac{1}{2}$ gallons of water?

F 9 fluid ounces

G 5 fluid ounces

H $2\frac{1}{4}$ fluid ounces

9 This data set shows the ages, in years, of the members of a book club.

31, 25, 29, 37, 22, 40, 23, 35

Which number represents the lower quartile of this data set?

A 22

B 24

C 27

10 Which inequality is <u>true</u>?

F $0.038 > \frac{3}{8}$

G $0.380 < \frac{3}{8}$

H $0.38 > \frac{3}{8}$

11 A company makes computer screens in different sizes. This table shows the width, *w*, and height, *h*, of each screen.

Computer Screen Sizes

Width, *w* (in inches)	Height, *h* (in inches)
12	9
16	12
20	15
24	18

Which equation shows how the width and height are related for each computer screen?

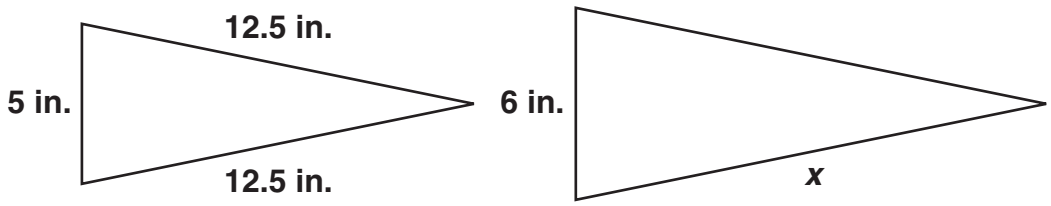
A $h = \frac{4}{3}w$

B $h = \frac{3}{4}w$

C $h = w - 3$

Go On ▶

12 Shawn has these two triangular flags.



The flags are similar. What is the value of x?

F 12.6 inches

G 13.5 inches

H 15.0 inches

13 What is the value of this expression when $j = \frac{3}{4}$ and $k = \frac{5}{6}$?

$$(2j) \div (3k)$$

A $\frac{3}{5}$

B $\frac{33}{46}$

C $3\frac{3}{4}$

14 This table shows values for t and w.

t	w
0	20
3	29
6	38
9	47

Which equation represents the values shown in the table?

F $w = t + 20$

G $w = 3t + 20$

H $w = 5t + 2$

15 Look at this expression.

$$(0.5)(4.5) + 3 \div 0.75$$

What is the value of the expression?

A 7

B 6.25

C 5

Go On ▶

16 **Solve for *x*:**

$$2\left(\frac{2}{5}x + 3\right) = 14$$

F $\frac{10}{3}$

G 10

H 25

17 The students in a class took a spelling test. This stem-and-leaf plot shows the number of words that each student spelled correctly.

Key
2|7 represents 27

Stem	Leaf
1	4 5 9 9
2	0 0 1 2 5 5 6 7 8 8 9
3	0 0 0 0

What is the interquartile range of this data set?

A 9

B 20

C 29

18 Ed traveled from the lowest point in Tennessee to the lowest point in the United States.

- The lowest point in Tennessee has an elevation of 178 feet.
- The lowest point in the United States has an elevation of −282 feet.

Which integer best represents how Ed's elevation changed?

F 460 feet

G −104 feet

H −460 feet

19 Edgar has two cubes.

- The small cube has a volume of 8 cubic centimeters.
- The length of an edge of the large cube is 3 times the length of an edge of the small cube.

What is the volume of the large cube?

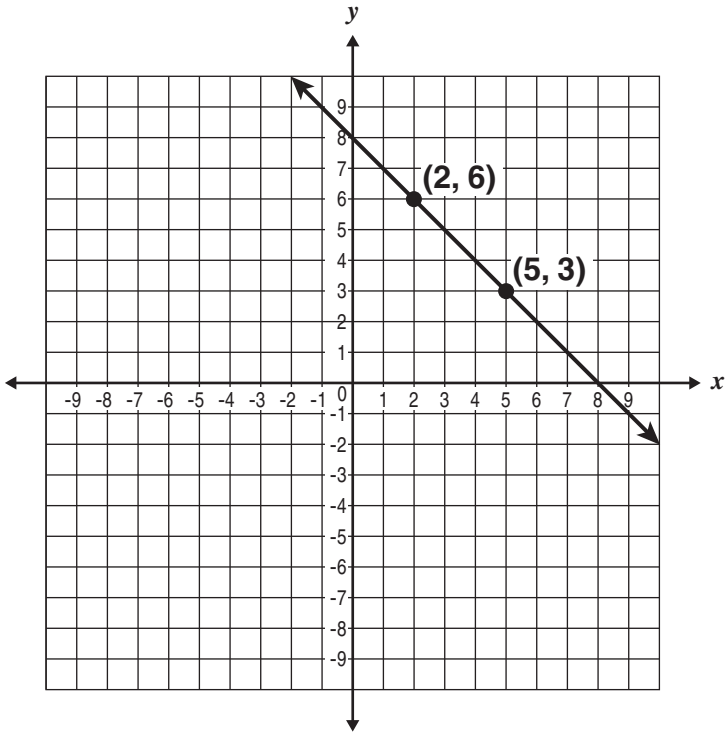
A 24 cubic centimeters

B 72 cubic centimeters

C 216 cubic centimeters

Go On ▶

20 This graph shows a line.



Which equation represents the line shown?

F $y = -x + 8$

G $y = x + 8$

H $y = x - 8$

21 An airplane descends at a rate of 1,800 feet every 2 minutes. At this rate, what is the total number of feet the airplane descends in 6 minutes?

A 1,200 feet

B 2,700 feet

C 5,400 feet

22 Last week, Sophia ran a total of 27 miles. She ran 3 miles on Sunday and m miles on each of the other days. This equation represents the situation.

$$6m + 3 = 27$$

What is the value of m, the number of miles Sophia ran on each of the other days?

F 3

G 4

H 5

23 What is the value of this expression when $p = 0.8$?

$$3(2p + 6)$$

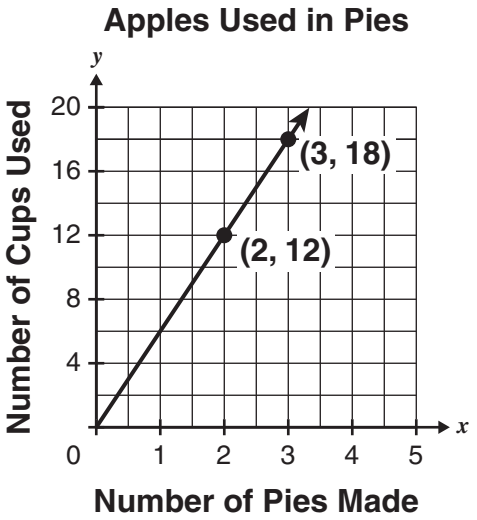
A 10.8

B 13.2

C 22.8

Go On ▶

24 Apple pies are made at a restaurant. This graph shows the numbers of cups of apples used to make different numbers of pies.



Which statement is supported by the slope of this graph?

F For every 6 cups of apples used, 1 pie is made.

G For every 3 cups of apples used, 2 pies are made.

H For every 2 cups of apples used, 12 pies are made.

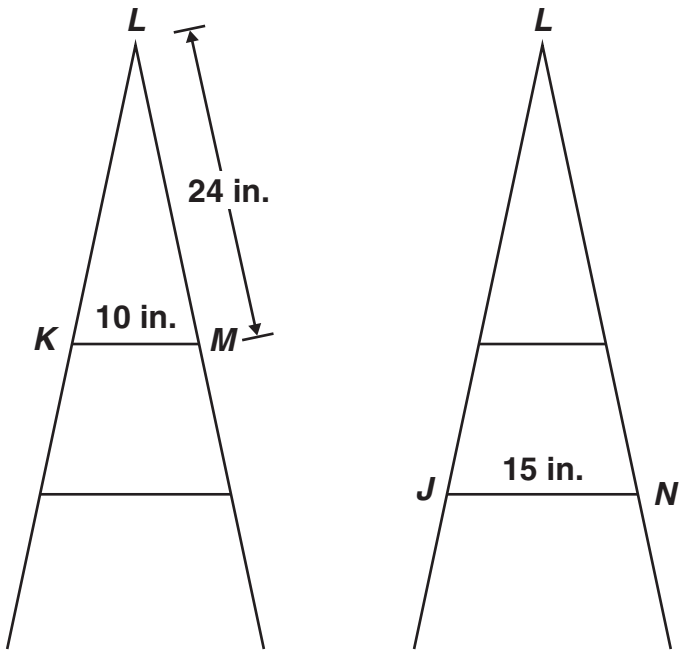
25 Mrs. Nelson sells ice-cream bars. On Friday, $\frac{2}{5}$ of the ice-cream bars she sold were chocolate. What percent of the ice-cream bars Mrs. Nelson sold on Friday were chocolate?

A 25%

B 40%

C 60%

26 This diagram represents the side views of two ladders.



Triangle *JLN* is similar to Triangle *KLM*. What is the length of $\overline{LN}$?

F 29 inches

G 32 inches

H 36 inches

STOP

Part 2

27 Which table shows a directly proportional relationship between x and y?

A

x	y
2	$\frac{1}{4}$
4	$\frac{1}{8}$
6	$\frac{1}{12}$
8	$\frac{1}{16}$
10	$\frac{1}{20}$

B

x	y
2	7
4	11
6	15
8	19
10	23

C

x	y
3	8
6	16
9	24
12	32
15	40

28 Sharla drew two squares using a scale factor of $1\frac{1}{2}$. The area of the large square is 36 square inches. What is the area of the small square?

F 16 square inches

G 18 square inches

H 24 square inches

29 There were 4 ice-cream bars in a freezer.

- Wanda then bought *b* boxes of ice-cream bars at a store and put them in the same freezer.
- Each box contained 12 ice-cream bars.

Which equation represents *t*, the total number of ice-cream bars in the freezer?

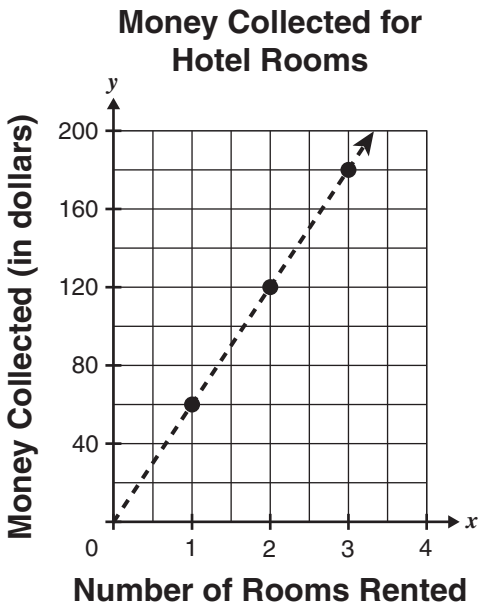
A $t = 12 + 4b$

B $t = 4 + 12b$

C $t = 4 + 12 + b$

Go On ▶

30 This graph shows the total amount of money collected per day by a hotel manager when different numbers of rooms are rented.



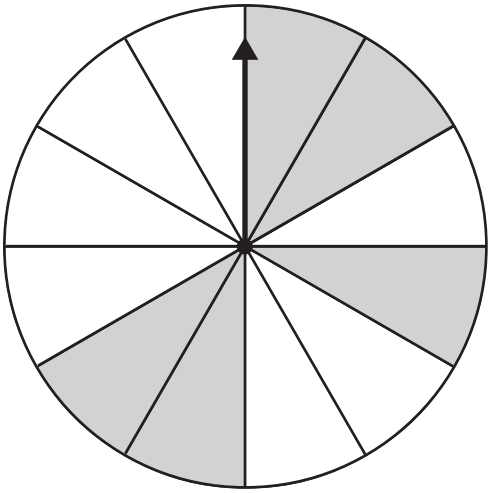
On Monday, the hotel manager collected a total of $2,400. What is the total number of rooms the hotel manager rented on Monday?

F 40

G 45

H 60

31 Ronald has a spinner with 12 equal sections, as shown.



Ronald will spin the arrow on the spinner 60 times. Based on theoretical probability, what is the total number of times he should expect the arrow to land on a shaded section?

A 5

B 25

C 45

32 At a school, 3 out of every 5 students attended the soccer game on Friday. There are 750 students at this school. Exactly how many of these students attended the soccer game on Friday?

F 450

G 300

H 250

Go On ▶

33 Look at this expression.

$$\frac{3}{10} + \frac{3}{4}\left(2\frac{1}{5}\right) - \frac{2}{10}$$

What is the value of this expression?

A $1\frac{3}{4}$

B $2\frac{11}{100}$

C $3\frac{2}{5}$

34 Lauren and Cody are playing a game.

- First, Cody says a number.
- Cody's number is represented by n.
- Next, Lauren increases the number, n, by 4.
- Then, Lauren multiplies the sum by 7 and writes the product.

Which expression represents the number Lauren writes?

F $4n + 7$

G $7n + 4$

H $7(n + 4)$

35 This table shows the distances that five people ran last week.

Distances

Name	Distance (in miles)
Albert	15
Jennifer	17
Lynda	25
Renee	18
Salvador	15

Which person ran a distance last week that is equal to the median of this data set?

A Jennifer

B Lynda

C Renee

36 A scientist mixed 81 milliliters of a chemical with 180 milliliters of water. To make more of this same mixture, exactly how many milliliters of the chemical should the scientist mix with 260 milliliters of water?

F 56 milliliters

G 117 milliliters

H 161 milliliters

Go On ▶

37 Lila purchased some fabric online.

- Each yard of fabric cost $12.
- Lila's purchase included a $6 shipping fee.
- The total amount Lila paid was $318.

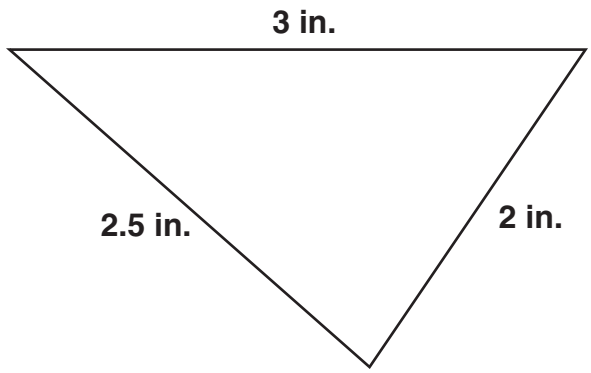
Which equation can be used to find x, the number of yards of fabric Lila purchased?

A $12x - 6 = 318$

B $12x + 6 = 318$

C $12(x + 6) = 318$

38 A store has a red sign and a blue sign. The dimensions of the red sign are shown in inches.



- The blue sign is similar in shape to the red sign.
- The length of the longest side of the blue sign is 36 feet.

What is the length of the shortest side of the blue sign?

F 24 feet

G 26 feet

H 35 feet

39 Which inequality is not true?

A $\frac{5}{8} \leq 0.585$

B $\frac{5}{8} \leq 0.625$

C $\frac{5}{8} \leq 0.79$

40 Sharon's mother loaned her $60.

- Sharon will make 4 equal payments to her mother to pay back the $60.
- She already has $12 for the first payment.

Which statement is true?

F Sharon has enough money for her first payment with no money left over.

G Sharon needs exactly $3 more in order to have enough money for her first payment.

H Sharon needs exactly $4 more in order to have enough money for her first payment.

Go On ▶

41 What is the value of this expression when $g = 4$ and $h = 2\frac{2}{9}$?

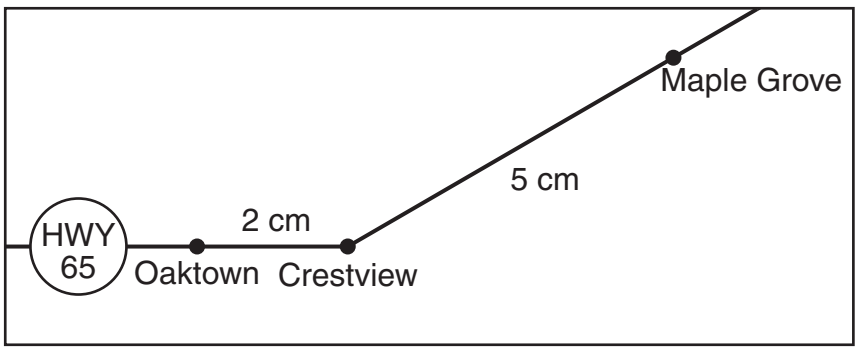
$$h - \frac{g + 5}{6}$$

A $\frac{11}{3}$

B $\frac{13}{18}$

C $\frac{11}{18}$

42 This map shows three towns along a highway. Every 1 centimeter on the map represents 14 kilometers of the actual highway.



Scale
1 cm represents 14 km

What is the actual distance between Oaktown and Maple Grove along this highway?

F 98 kilometers

G 70 kilometers

H 49 kilometers

43 Amy spent \$45 for 3 gallons of paint and some paintbrushes. She paid \$9 for the paintbrushes. This equation can be used to find g, the total cost, in dollars, of each gallon of paint.

$$3g + 9 = 45$$

What is g, the total cost of each gallon of paint?

A \$24

B \$18

C \$12

44 Which formula represents a directly proportional relationship between variables?

F $P = 4s$

G $A = \frac{1}{2}bh$

H $a^2 + b^2 = c^2$

45 **Solve for *x*:**

$$\frac{1}{6} = \frac{3}{8}x - \frac{1}{3}$$

A $x = \frac{3}{16}$

B $x = \frac{16}{27}$

C $x = \frac{4}{3}$

Go On ▶

46 Frank purchased 144 cans of soda.

- He purchased the soda in packs containing 12 cans of soda each.
- Every 2 packs of soda cost $6.

What was the total cost for Frank to purchase 144 cans of soda?

F $36

G $72

H $144

47 There are 12 boys and 18 girls in a class. The teacher will randomly select students to answer questions a total of 120 times. Based on theoretical probability, which is the best prediction of the number of times the teacher will select a boy to answer a question?

A 48

B 60

C 72

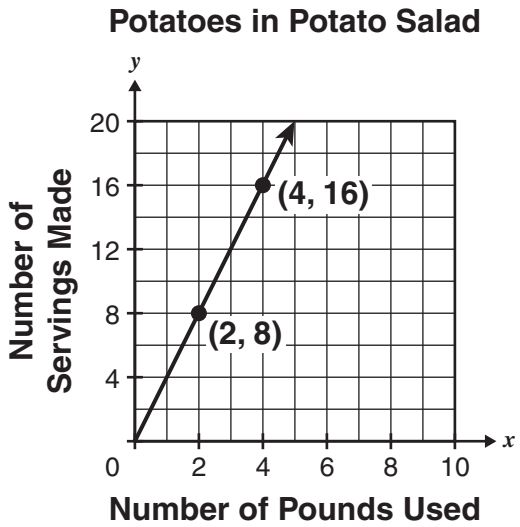
48 An empty bottle has a weight of 19 ounces. When filled with water, the weight of the bottle increases by 18 ounces. Which equation represents y, the total weight, in ounces, of x bottles that are full of water?

F $y = 19x + 18$

G $y = 18x + 19$

H $y = (19 + 18)x$

49 William is making potato salad. This graph shows the number of pounds of potatoes he uses to make different numbers of servings of potato salad.



Which statement is supported by the slope of this graph?

A To make 2 servings of potato salad, William uses 1 pound of potatoes.

B To make 3 servings of potato salad, William uses 1 pound of potatoes.

C To make 4 servings of potato salad, William uses 1 pound of potatoes.

50 This list shows the number of students at each grade level in a class.

- Seventh grade: 7 students
- Eighth grade: 18 students

What percent of the students in this class are in seventh grade?

F 39%

G 28%

H 25%

Go On ▶

51 Jacob's bedroom floor and closet floor are similar rectangles.

- The width of the bedroom floor is 3 times the width of the closet floor.
- The length of the bedroom floor is 3 times the length of the closet floor.
- The area of the closet floor is 20 square feet.

What is the area of the bedroom floor?

A 60 square feet

B 120 square feet

C 180 square feet

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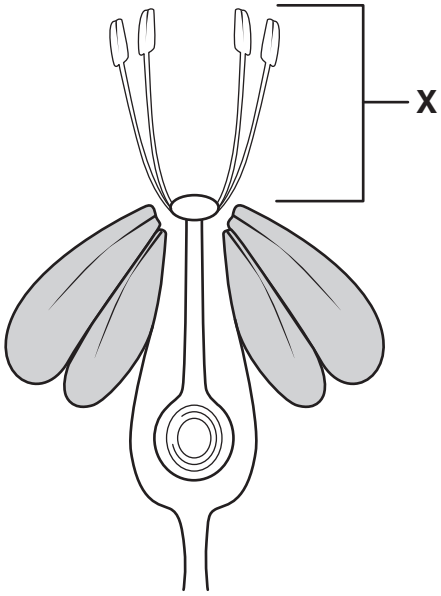
Science

Part 1

1 **The picture shows a flower.**



What flower part is labeled X?

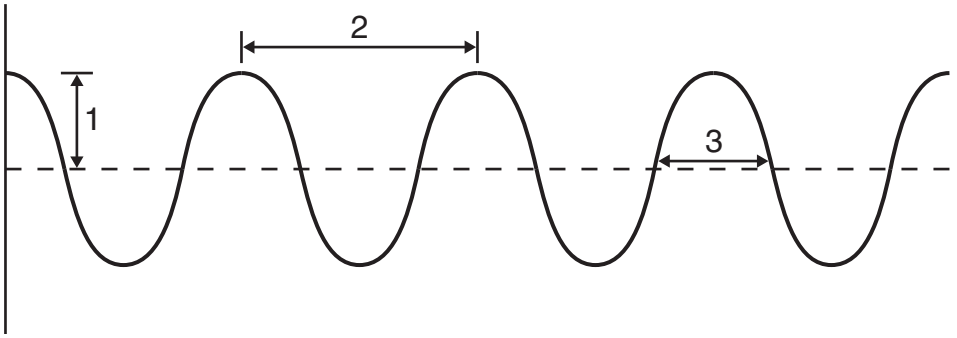
A stigma

B pistil

C stamen

Go On ▶

2 **The diagram shows a wave.**



Which label shows the wavelength?

F 1

G 2

H 3

3 **A student has an unidentified mineral sample. The mineral is gray and leaves a white streak. The student can scratch the mineral with a copper coin, which has a Mohs hardness of 3.5. The student cannot scratch the mineral with his fingernail, which has a Mohs hardness of 2.5.**

Mineral Information

Name	Common Colors	Streak	Mohs Hardness
Graphite	Silver, gray, black	Gray	2
Talc	White, yellow, gray, green	White	1
Calcite	Clear, white, gray, brown, yellow, orange, pink, blue, green	White	3

Which mineral does the student have?

A Graphite

B Talc

C Calcite

Go On ▶

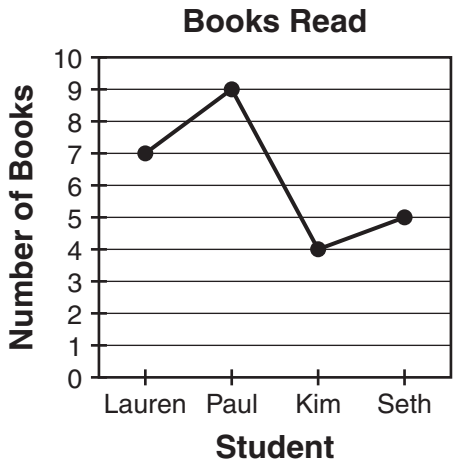
4 **The table shows the numbers of books four different students read.**

Books Read

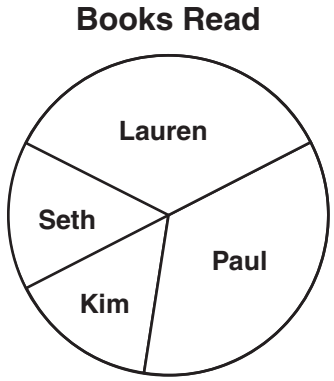
Student	Number of Books
Lauren	7
Paul	9
Kim	4
Seth	5

Which type of graph <u>best</u> displays the data from the table?

F



H



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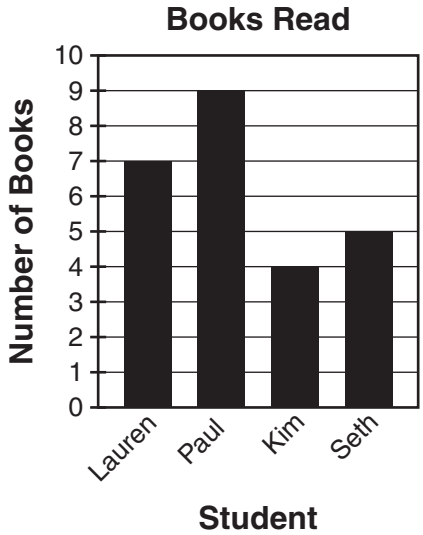
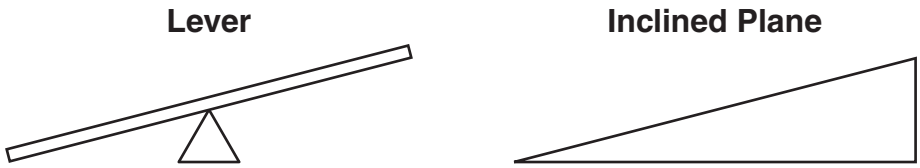


5 **The picture shows a lever and an inclined plane.**



Which sentence <u>best</u> describes a function of both simple machines?

A They both can help raise objects from the ground.

B They both can separate two parts of an object.

C They both can secure two parts of an object together.

6 **Two sisters have different-colored eyes. The older sister has brown eyes, and the younger sister has blue eyes. Which statement explains why the sisters have different eye colors?**

F The sisters inherited different numbers of chromosomes.

G The older sister received traits from only her father, and the younger sister received traits from only her mother.

H The sisters received different combinations of genetic information from their parents.

7 **What is the thinnest layer of Earth?**

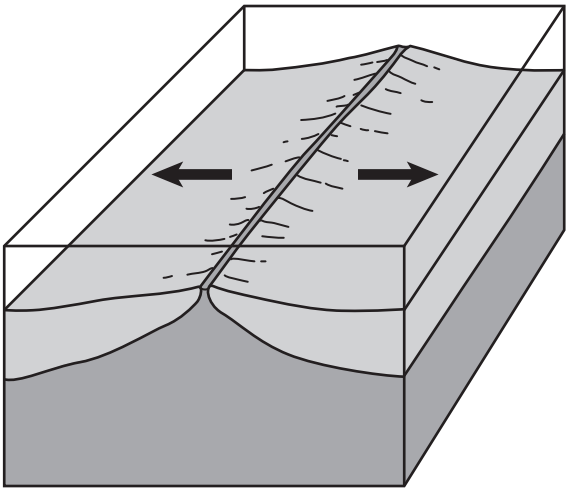
A crust

B mantle

C outer core

Go On ▶

8 **The diagram shows two lithospheric plates moving away from each other.**



About how fast do these plates move away from each other?

F 5 centimeters per year

G 5 meters per year

H 5 kilometers per year

9 **Engineers plan to develop a new type of drill. What should the engineers do first in order to develop the new drill?**

A research the features for the drill

B build a model of the drill

C determine materials needed for the drill

10 **In a breed of dog, short hair (H) is dominant to long hair (h). A dog with short hair is crossbred with a dog with long hair. The Punnett square shows this cross.**

	H	h
h		
h		

What is the probability that the offspring will have short hair?

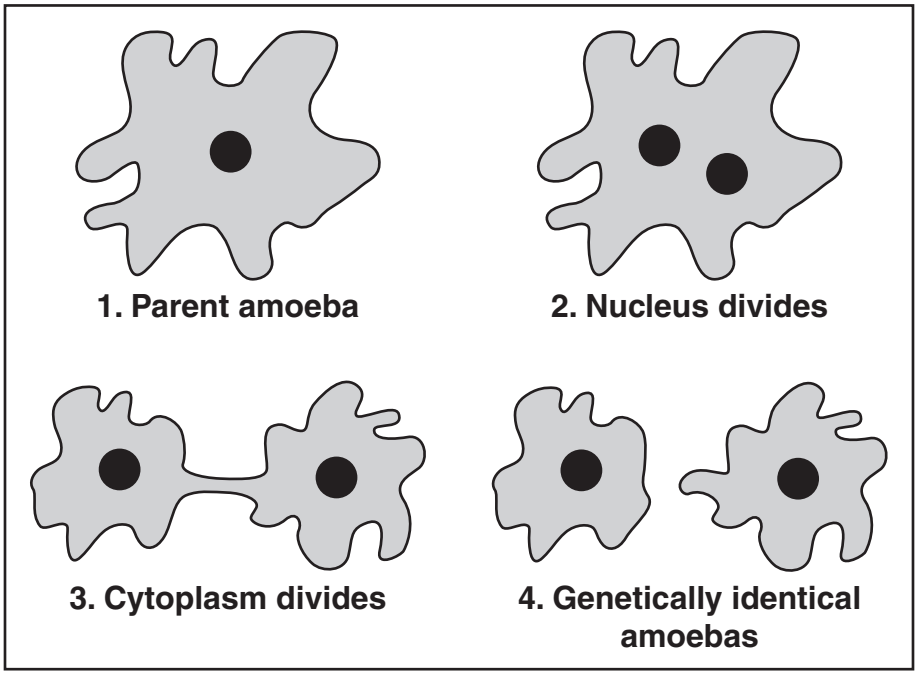
F 0%

G 50%

H 100%

Go On ▶

11 **The diagram shows one parent amoeba forming two daughter amoebas.**



What term <u>best</u> describes this process?

A metamorphosis

B fertilization

C asexual reproduction

12 **Which of these <u>best</u> describes the motion of particles in a longitudinal wave?**

F parallel to the direction the wave travels

G perpendicular to the direction the wave travels

H opposite of the direction the wave travels

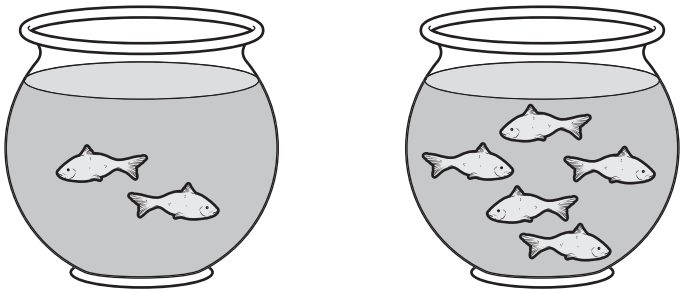
13 **Which processes must occur to change a metamorphic rock into an igneous rock?**

A melting and cooling

B weathering and erosion

C heat and pressure

14 **Students want to find out whether goldfish grow larger when the fish have a less crowded bowl. They put two goldfish in Bowl 1 and five goldfish in Bowl 2. The goldfish bowls are identical.**



The students will measure the length of each goldfish in January and then again in June. What is the dependent variable in this experiment?

F lengths of the goldfish

G number of goldfish per bowl

H the size of the goldfish bowl

Go On ▶

15 **Which substance is a product of photosynthesis and is used as a reactant in respiration?**

A water (H_2O)

B carbon dioxide (CO_2)

C oxygen (O_2)

16 **A train traveled at a speed of 120 kilometers per hour for 10 hours.**

$$\boxed{\text{Distance}(d) = \text{Speed}(s) \times \text{Time}(t)}$$

What distance did the train travel?

F 12 kilometers

G 110 kilometers

H 1,200 kilometers

17 **A ball traveled 35 meters at a speed of 5 meters per second.**

$$\text{Time} = \frac{\text{Distance}}{\text{Speed}}$$

$$t = \frac{d}{s}$$

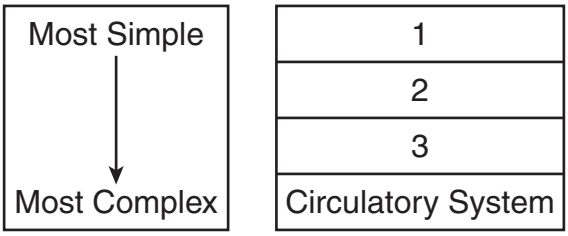
How long did it take the ball to travel the 35 meters?

A 7 seconds

B 30 seconds

C 40 seconds

18 **A student is making a chart of the different levels of organization in the circulatory system.**



Which term belongs in Level 1?

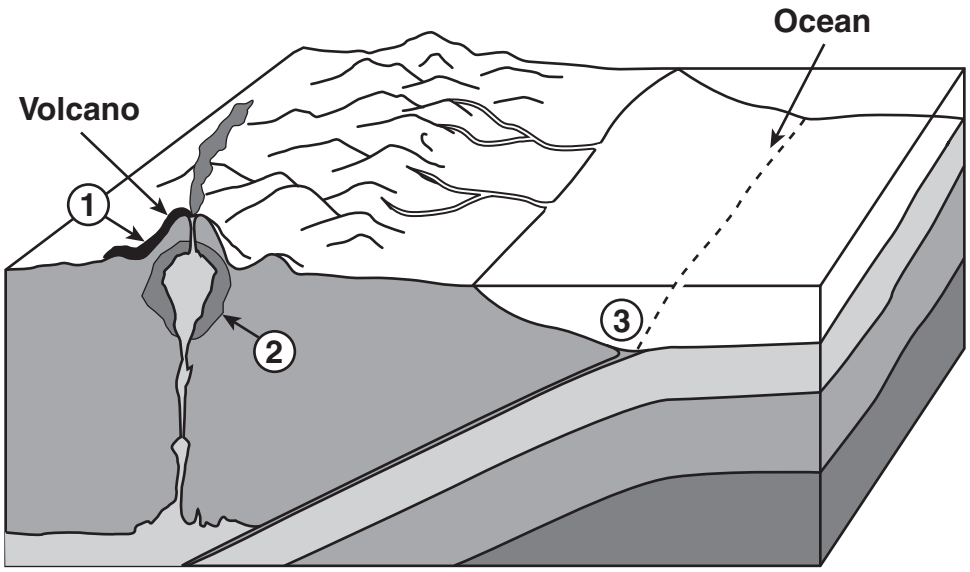
F heart muscle

G cardiac tissue

H blood cell

Go On ▶

19 **The diagram shows some features of Earth's crust.**



Which number shows the <u>most</u> likely location of metamorphic rock?

A 1

B 2

C 3

20 **In humans, the trait for straight thumbs (T) is dominant to the trait for double-jointed thumbs (t). The Punnett square shows a cross between two parents with straight thumbs.**

	T	t
T		
t		

What is the probability that an offspring will have double-jointed thumbs?

F 1 out of 4

G 3 out of 4

H 4 out of 4

21 **How does recycling plastic <u>most</u> impact Earth?**

A Recycling plastic increases the amount of pollution in the oceans.

B Recycling plastic reduces the amount of waste that goes into landfills.

C Recycling plastic takes greenhouse gases out of the atmosphere.

22 **What part of a flower produces female reproductive cells?**

F anther

G ovary

H sepal

Go On ▶

23 **Students wanted to find out whether adding sugar to water would increase the boiling point of the water. The students added different amounts of sugar to one liter of water. They recorded their data in the table.**

Sugar and the Boiling Point of Water

Mass of Sugar Added (grams)	Boiling Point (°C)
0	100.0
180	100.5
360	101.0
540	101.5
720	102.0
900	102.5

Which sentence <u>best</u> describes a cause-and-effect relationship shown by the table?

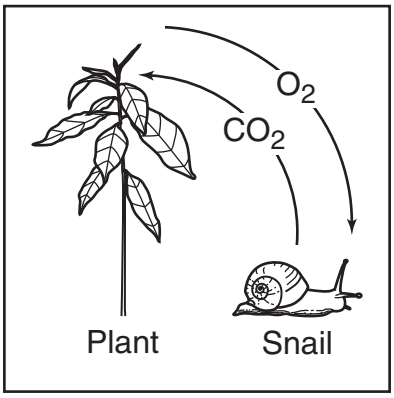
A For every 180 grams of sugar added to a liter of water, the boiling point will increase by 0.5°C.

B When one liter of water is heated to 102.5°C, 900 grams of sugar will dissolve.

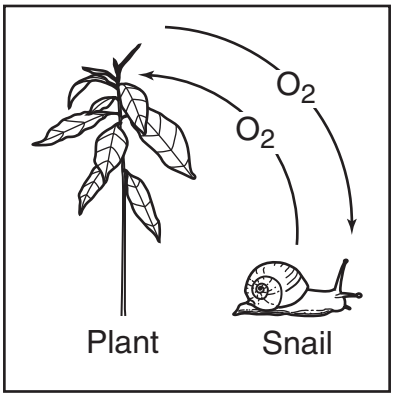
C Water with at least 180 grams of sugar added will reach the boiling point sooner than water without sugar.

24 **A plant is going through photosynthesis. A snail is going through respiration. Which diagram <u>best</u> shows the gases the plant and the snail are exchanging?**

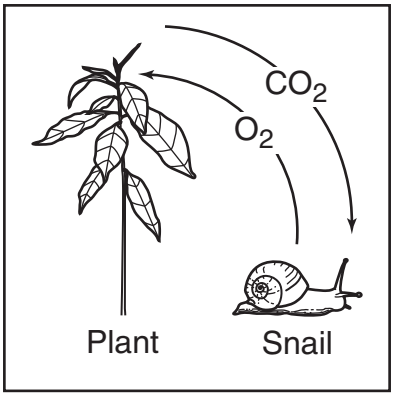
F



H



G



Go On ▶

25 **In a breed of rabbit, black fur (B) is dominant to brown fur (b). The Punnett square shows a cross between two black rabbits.**

	B	b
B		
b		

Which answer choice correctly represents the probability of offspring from this cross?

A 100% black fur, 0% brown fur

B 75% black fur, 25% brown fur

C 50% black fur, 50% brown fur

26 **Ethanol is an automobile fuel made from corn. Which of these is an unintended negative consequence of using ethanol instead of gasoline?**

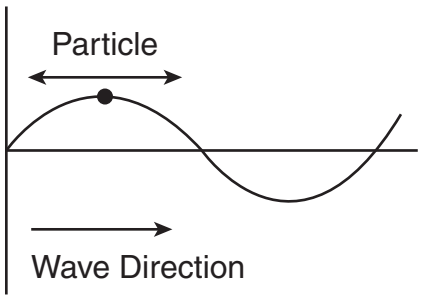
F Consumers have less need for fossil fuels such as gasoline.

G More jobs are available for farmers during corn harvests.

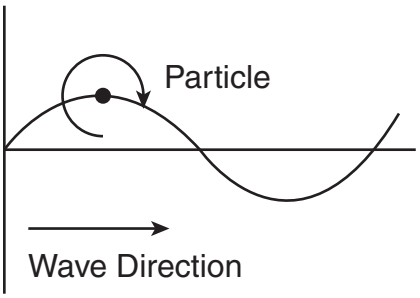
H Food products made with corn become more expensive.

27 **Which diagram best shows how a particle moves in a transverse wave?**

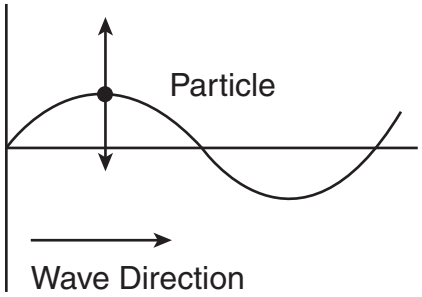
A



C



B



28 **Which is a job of the circulatory system?**

F carrying oxygen and nutrients to body cells

G sending signals throughout the body

H providing strength and support to the body

29 **Which of these will most likely form when two continental tectonic plates collide?**

A deserts

B beaches

C mountains

Go On ▶

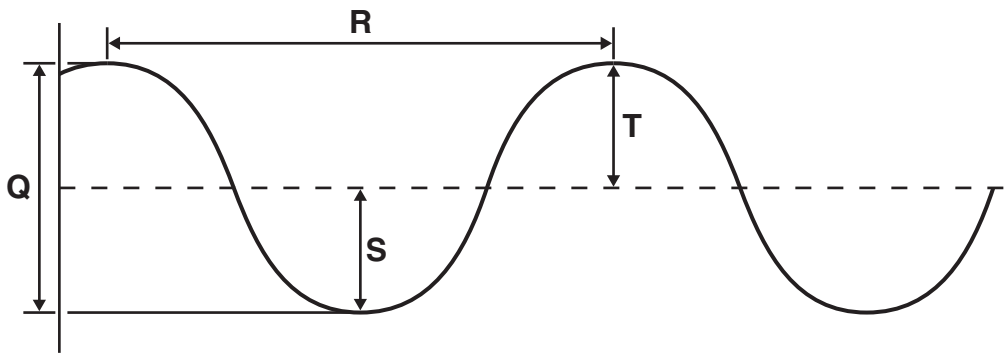
30 **Engineers have designed a new construction material. The material turns red when a very strong force is applied to it. This color change will warn people when the material could break. Which situation would best show that the new material is beneficial?**

F The material does not turn red when strong forces are applied during a laboratory test.

G The material turns red at a construction site, giving workers time to move to a safe area.

H The material appears to change color when different levels of light are used in a building.

31 **The diagram shows a transverse wave.**



Which equation applies to this transverse wave?

A $R = Q + S$

B $T = R + Q$

C $Q = S + T$

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Part 2

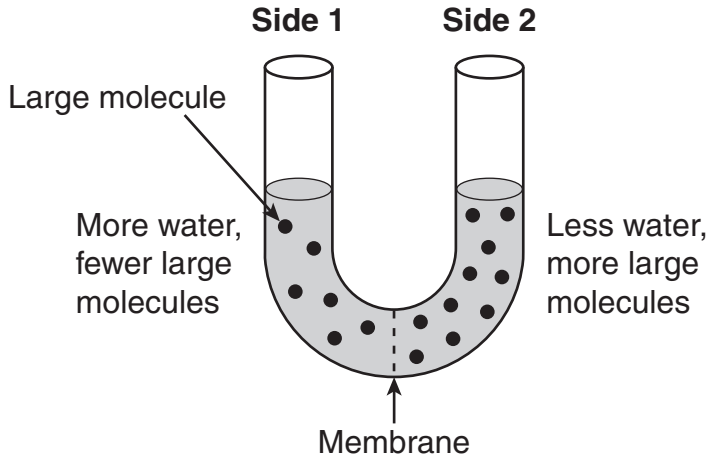
32 **Which statement about sexual reproduction is correct?**

F Two gametes combine during sexual reproduction.

G Animals are the only organisms that can use sexual reproduction.

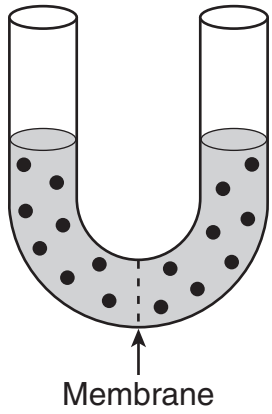
H An organism divides into two equal parts during sexual reproduction.

33 **The diagram shows a U-shaped container that is divided by a membrane. Water can pass freely across the membrane, but large molecules are blocked.**

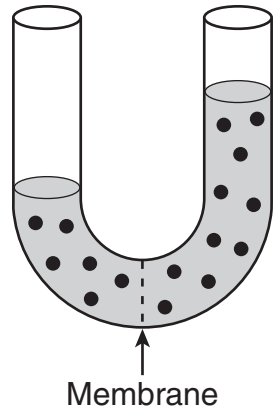


Which diagram shows how the container will most likely look one hour later?

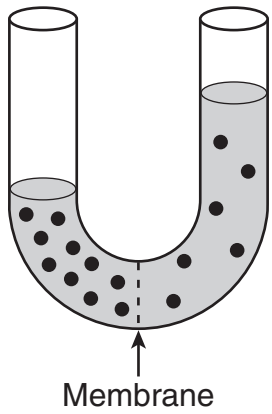
A



C



B



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34 **A student uses a lever to apply a 20-newton force to a box. The box moves a distance of 0.5 meter.**

$$\boxed{\text{Work}(w) = \text{Force}(F) \times \text{Distance}(d)}$$

How much work did the student do on the box?

F 10 joules

G 40 joules

H 100 joules

35 **Which layer of Earth is composed of dense liquid iron?**

A mantle

B inner core

C outer core

36 **Which is a job of the Golgi apparatus in a cell?**

F turning oxygen and nutrients into energy for the cell

G preparing proteins and fats to be moved out of the cell

H controlling molecules moving into the cell

37 **What is the correct chemical equation for photosynthesis?**

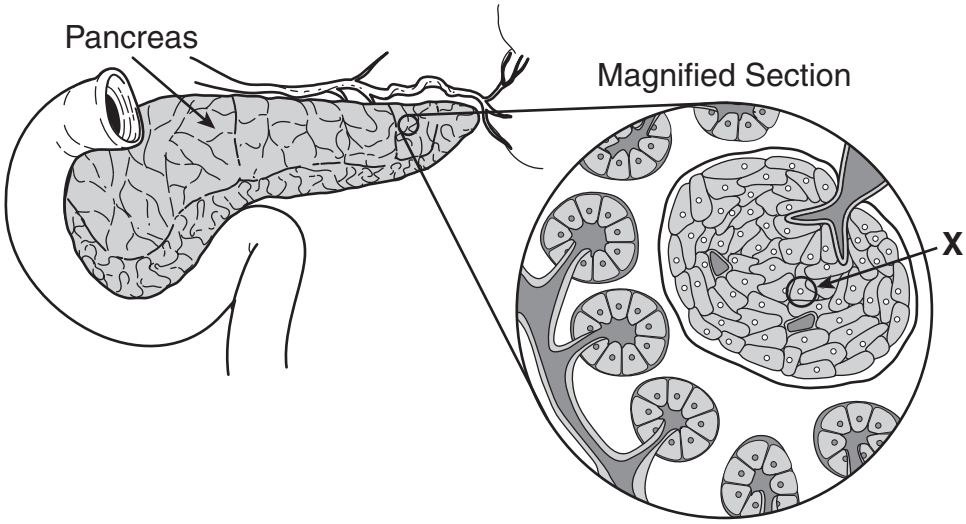
A $6CO_2 + C_6H_{12}O_6 \longrightarrow 6H_2O + 6O_2$

B $6CO_2 + 6H_2O \longrightarrow C_6H_{12}O_6 + 6O_2$

C $C_6H_{12}O_6 + 6H_2O \longrightarrow 6CO_2 + 6O_2$

Go On ▶

38 **The diagram represents some levels of organization within the pancreas.**



Which level of organization is represented by X?

F organ

G cell

H tissue

39 **Which sentence contains the <u>best</u> example of asexual reproduction?**

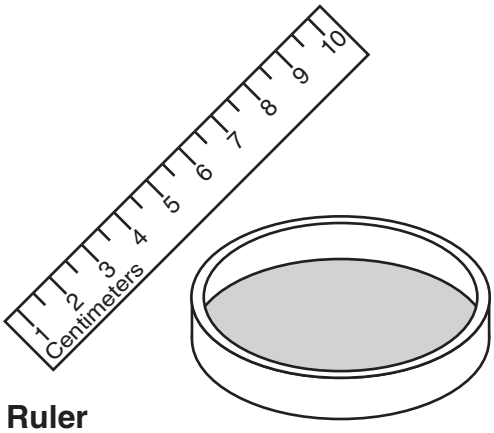
A An amphibian fertilizes eggs floating on water to produce tadpoles.

B A male flower on one tree pollinates a female flower on another tree.

C A runner from the roots of a parent plant produces genetically identical offspring.

40 **Which tools should a student use to observe the stages of plant cell division?**

F



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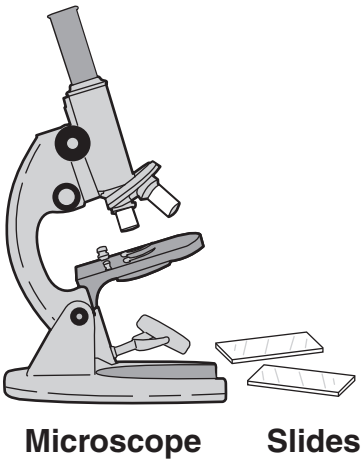
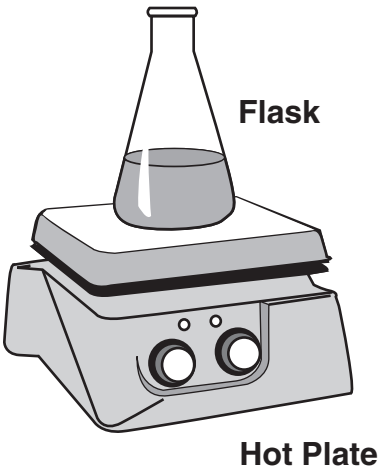


G



41 **What organ system sends signals from the brain to the muscles?**

A circulatory

B nervous

C skeletal

Go On ▶

42 **A student wanted to find out whether different soil types absorb different amounts of water. The student poured water into containers of soil and then collected the water that drained out. The table shows the student's data.**

Soil Test Results

Soil Type	Amount of Water Poured into Soil (milliliters)	Amount of Water Drained from Soil (milliliters)
Sand	10	8
Clay	20	5
Loam	30	15

The student concluded that sand could not hold as much water as clay or loam. Which is the most likely reason this is an invalid conclusion?

F The student should have tested more than three types of soil.

G The student should have used a different type of liquid with each soil.

H The student should have poured the same amount of water into each soil.

43 **What is the thickest layer of Earth?**

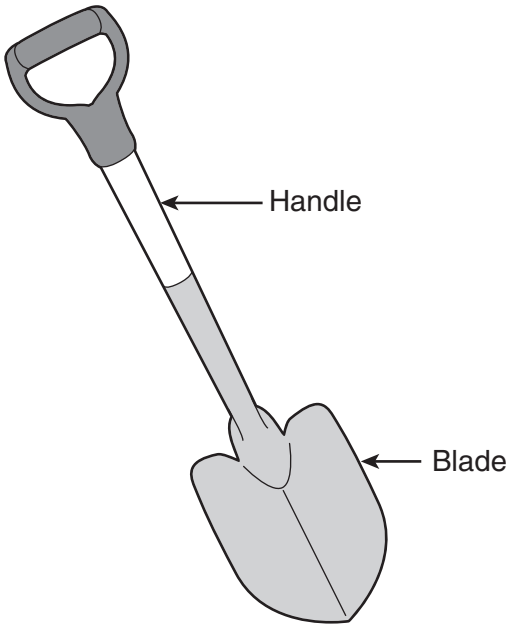
A inner core

B mantle

C crust

44 **The blade of a shovel acts as one type of simple machine when it enters the ground and separates soil. The handle of the shovel acts as a second type of simple machine when the person using it lifts the soil from the ground.**

Shovel



What two simple machines make up a shovel?

F wedge and lever

G screw and inclined plane

H wedge and pulley

Go On ▶

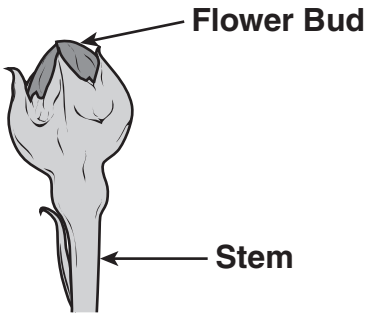
45 **Cellular respiration is a process that allows animals to use the energy stored in glucose. What is one product of cellular respiration?**

A oxygen

B water

C carbon

46 **The picture shows a flower.**



What parts of the flower surround and protect the flower bud?

F anthers

G petals

H sepals

47 **In a type of plant, blue flowers (B) are dominant to white flowers (b). The Punnett square shows a cross between a blue-flowered plant and a white-flowered plant.**

	B	b
b		
b		

What is the probability that the offspring will have blue flowers?

A 100%

B 75%

C 50%

48 **Which processes can change a sedimentary rock into a metamorphic rock?**

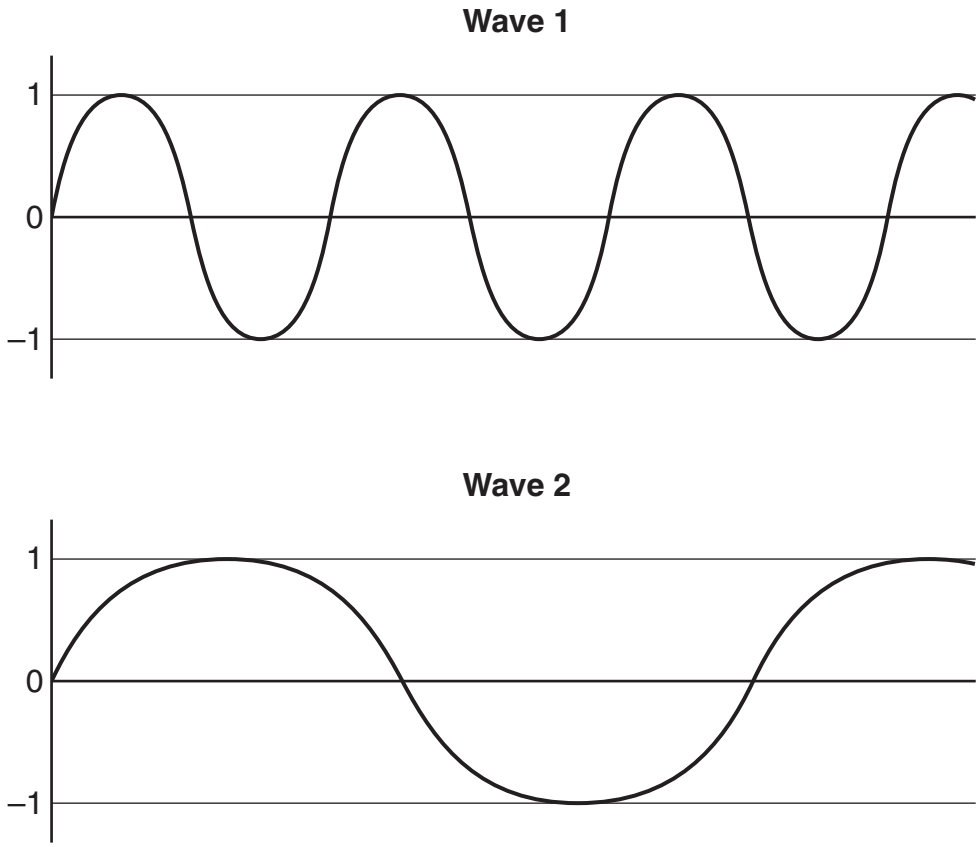
F cooling and hardening

G heat and pressure

H weathering and erosion

Go On ▶

49 **The diagram shows two waves.**



Which sentence <u>best</u> compares the waves?

A Wave 2 has a smaller amplitude than Wave 1.

B Wave 2 has a greater wavelength than Wave 1.

C Wave 2 has taller crests than Wave 1.

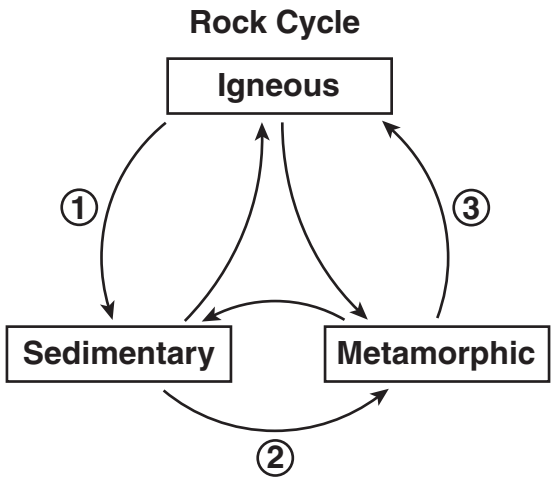
50 **Which of these is a female flower part that helps pollen reach the ovule?**

F stamen

G pistil

H anther

51 **A student made a diagram of the rock cycle. The arrows represent processes that change one type of rock into another.**



Which arrow in the diagram most likely includes weathering?

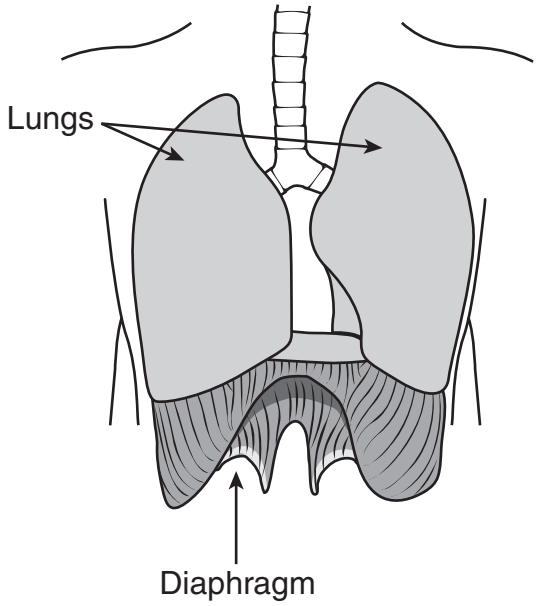
A 1

B 2

C 3

Go On ▶

52 **The picture shows a set of human lungs and a diaphragm.**



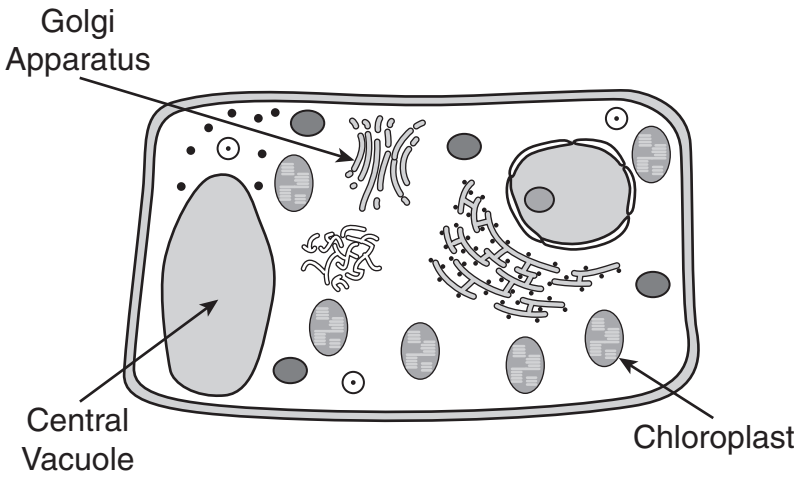
When a person breathes, the diaphragm moves and causes air to flow in and out of the lungs. Which systems are working together to help a person breathe?

F muscular and respiratory

G circulatory and digestive

H excretory and skeletal

53 **The diagram identifies three plant cell organelles.**



In which organelle does photosynthesis take place?

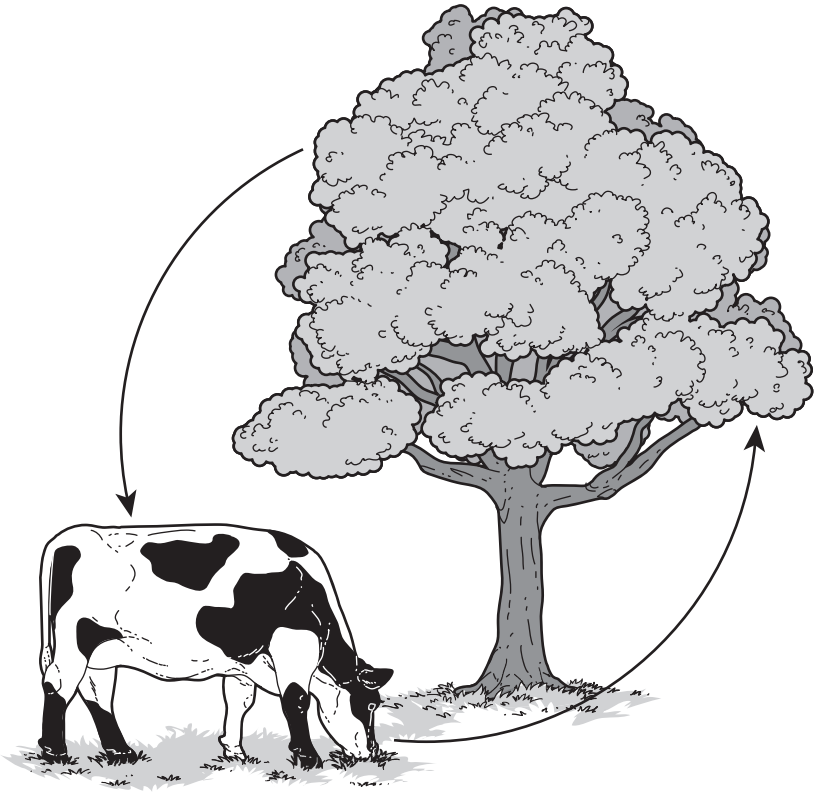
A Golgi Apparatus

B Chloroplast

C Central Vacuole

Go On ▶

54 **The picture shows a gas exchange between two organisms.**



What gas is released by the cow during respiration that is used by the tree for photosynthesis?

F hydrogen

G oxygen

H carbon dioxide

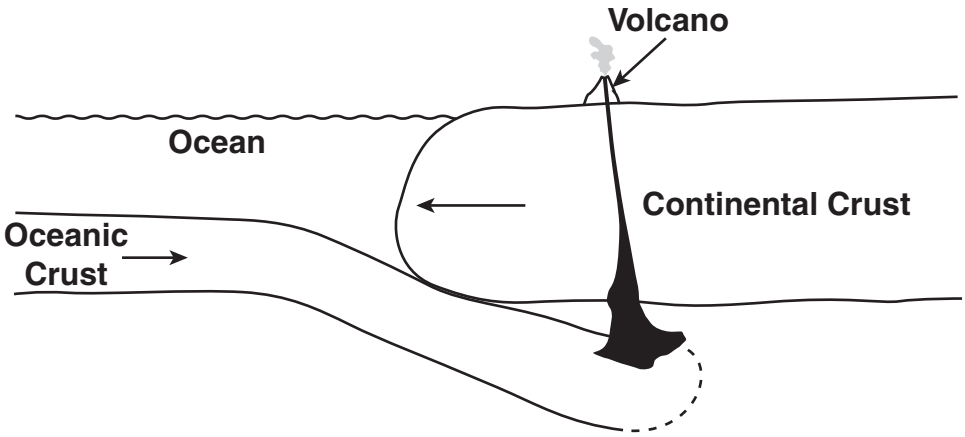
55 **Which is the best example of an assistive technology that was designed to help a person overcome a disability?**

A a cellular telephone with a ringer that can be turned off

B a computer with a magnifier over the screen

C a type of plant that is made to resist pests

56 **The diagram shows a volcano.**



Which sentence best explains how this volcano formed?

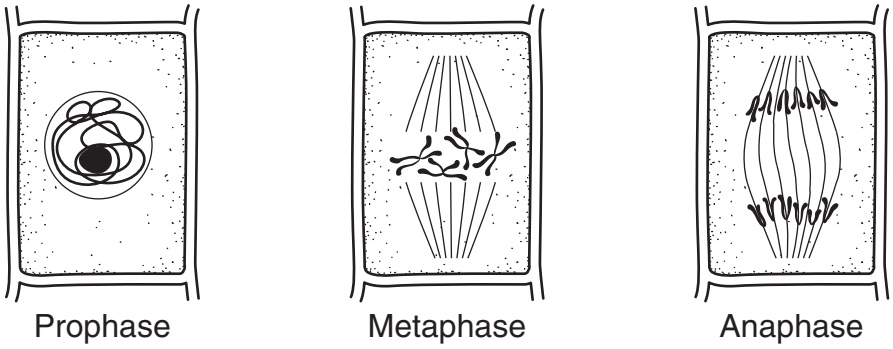
F One tectonic plate melted as it moved beneath another.

G High tide changed to low tide along the coastline.

H There was a difference in thickness between two tectonic plates.

Go On ▶

57 **The diagrams show three stages of plant cell division.**



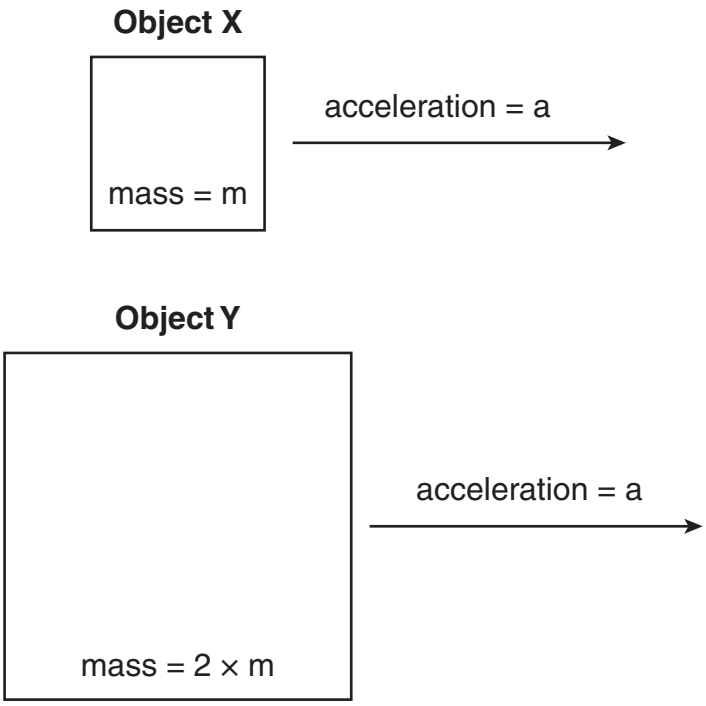
What occurs in the next stage of plant cell division after anaphase?

A A cell plate forms in the middle of the cell.

B Chromosomes move to the middle of the cell.

C The membrane around the nucleus disappears.

58 **Object Y has twice the mass of Object X. Both objects are accelerating at the same rate.**



Which sentence <u>best</u> describes the motions of Object X and Object Y?

F Object X is traveling at twice the speed of Object Y.

G Object X requires twice the force to accelerate at the same rate as Object Y.

H Object X requires half the force to accelerate at the same rate as Object Y.

59 **What organelles produce energy in animal cells?**

A vacuoles

B lysosomes

C mitochondria

Go On ▶

60 **What organ system produces sex cells?**

F circulatory

G reproductive

H digestive

61 **Small rock particles roll downhill into rivers and oceans. These rock particles eventually become cemented together. This cemented material forms**

A igneous rock.

B metamorphic rock.

C sedimentary rock.

STOP

DO NOT

MARK

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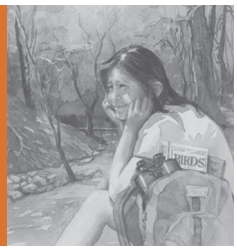
Social Studies



Part 1

1 **Study the headline.**

Technology Week
August 15, 2012

New Minicomputers to Ship
Japanese minicomputers will arrive in American stores by October 1 . . .

Which economic concept is shown in this headline?

A inflation

B bartering

C importing

2 **Which group in Tennessee is responsible for changing the congressional district boundaries if a population shift occurs?**

F the state legislature

G the voting public

H the executive branch

Go On ▶

3 **Which mountain range forms one boundary of the Amazon River Basin?**

A Himalayas

B Andes

C Alps

4 **Study the information.**

Actions of Benito Mussolini from 1922 – 1943

- Did not allow opposing political parties
- Organized personal army and secret police
- Gained complete control over Italy

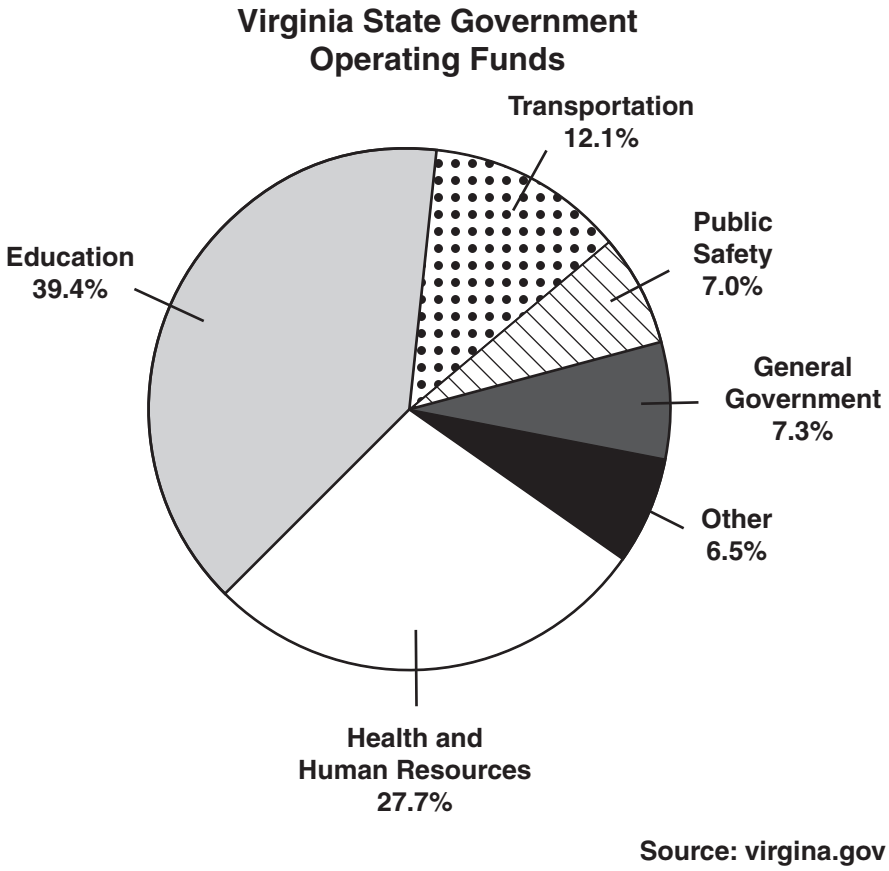
Based on the information, Benito Mussolini established a

F dictatorship.

G oligarchy.

H democracy.

5 **Study the graph.**



Based on the graph, the Virginia state government spends the <u>most</u> money on

A health and human resources.

B education.

C transportation.

Go On ▶

6 **Which feature of East Tennessee supports the greatest variety of wildlife?**

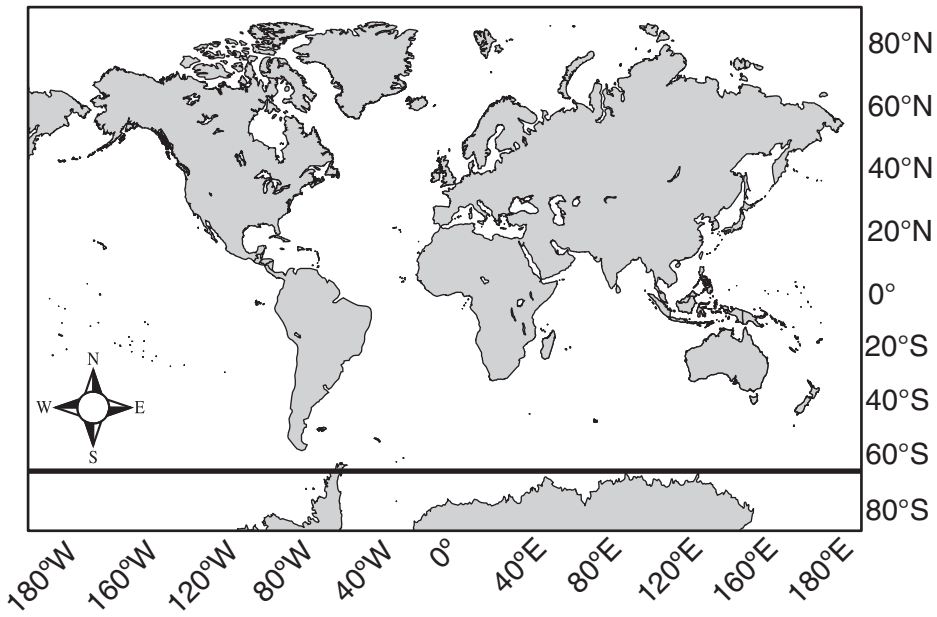
F heavily forested mountains

G densely populated areas

H high elevations

7 **Study the map.**

World Map



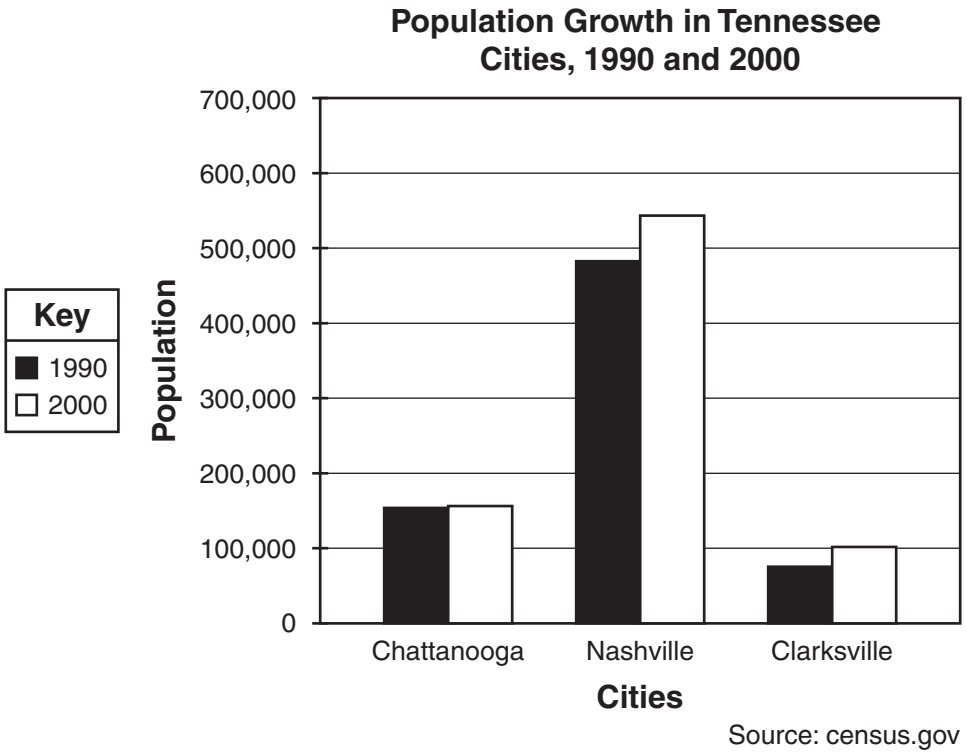
Which line is shown on the map?

A International Date Line

B Antarctic Circle

C Prime Meridian

8 **Study the graph.**



Which city had the least amount of population growth between 1990 and 2000?

F Chattanooga

G Nashville

H Clarksville

9 **What is one similarity between the religions of Hinduism and Buddhism?**

A belief in a savior

B practice of ancestor worship

C belief in reincarnation after death

Go On ▶

10 **Study the information.**

?

Common practices of people of the same cultural group living in a place

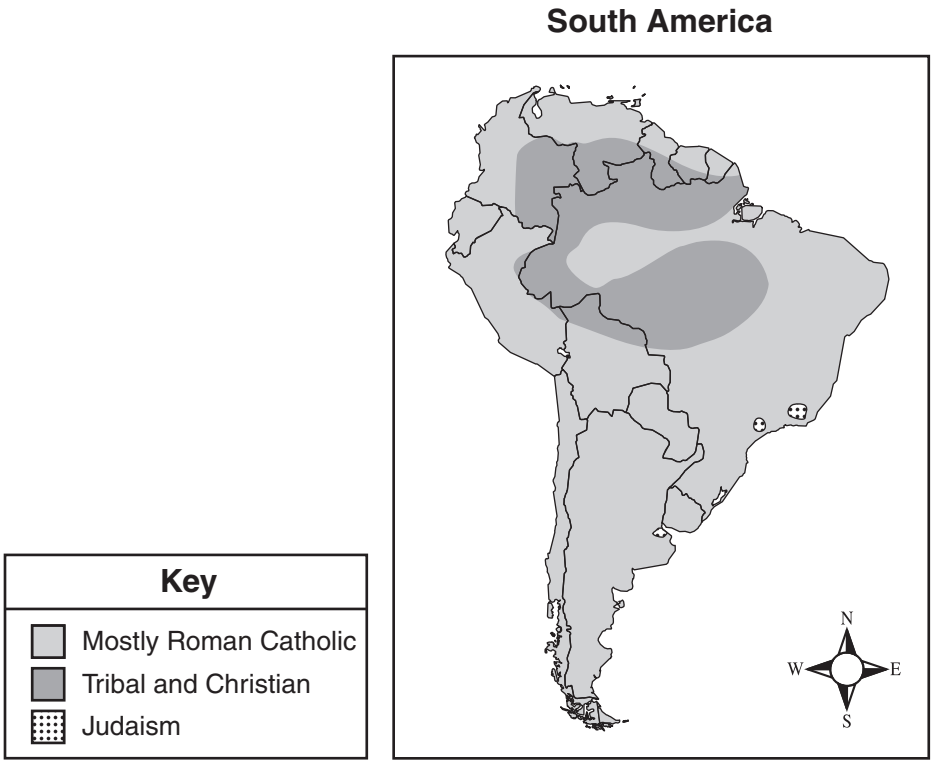
Which title best replaces the question mark?

F Regional Customs

G Environmental Issues

H Economic Growth

11 **Study the map.**



Which religion is <u>most</u> common in South America?

A Roman Catholic

B Judaism

C Tribal and Christian

12 **Which phrase <u>best</u> defines growth rate?**

F increase in cost of consumer goods

G number of people that live in an area

H pace at which a population increases

Go On ▶

13 **Study the chart.**

The Top 3 Tennessee Industries by Number of Paid Employees, 2003 and 2008

Industry	2003	2008
Manufacturing	393,832	363,793
Health Care and Social Assistance	317,456	358,884
Retail	304,207	326,762

Source: U.S. Census Bureau

Which industry had the greatest increase in the number of employees?

A Manufacturing

B Health Care and Social Assistance

C Retail

14 **Which mountain range creates a natural boundary between Europe and Asia?**

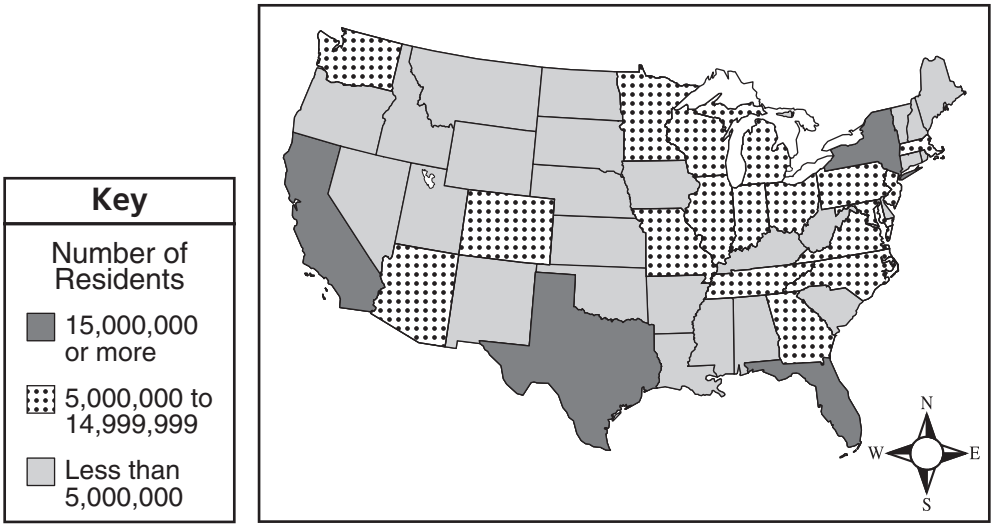
F Himalayas

G Rockies

H Urals

15 **Study the map.**

Residents in the Continental United States, 2009



Source: census.gov

This map would be useful for identifying the state with the

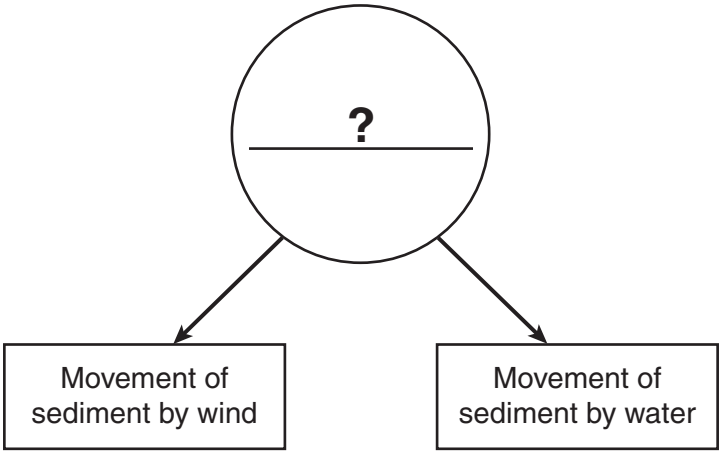
A highest birth-rate.

B greatest population.

C most industrial areas.

Go On ▶

16 **Study the diagram.**



Which physical process <u>best</u> completes this diagram?

F Erosion

G Earthquakes

H Ocean Currents

17 **Study the information.**

> In 2007, immigrants from the African country of Kenya transferred about 1.3 billion dollars [from the U.S.] to banks in their home country.
>
> — United States Agency for International Development, August 2008

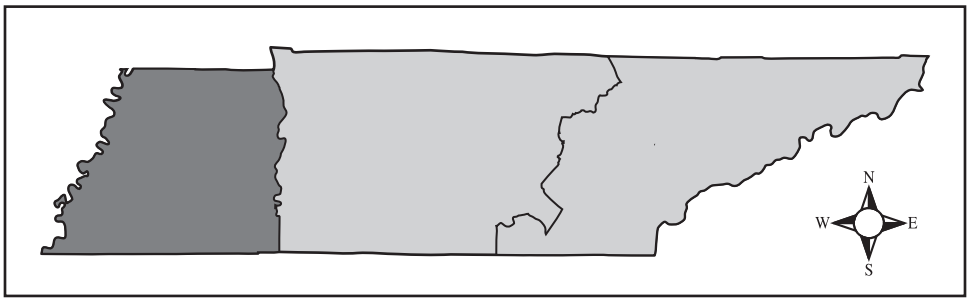
Based on the information, which reason best explains why immigrants moved to the United States?

A to freely practice new religions

B to search for fertile farmland

C to find better paying jobs

Three Grand Divisions of Tennessee



18 **Which agricultural product is grown in the western grand division of Tennessee?**

F oranges

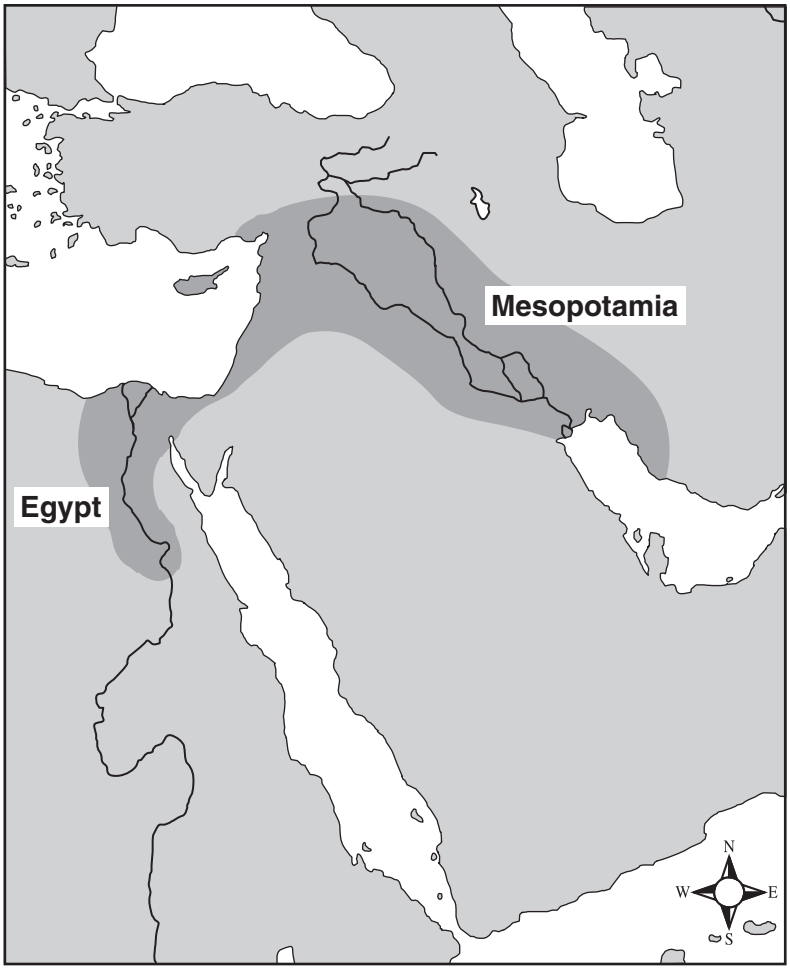
G indigo

H cotton

Go On ▶

19 **Study the map.**

Locations of Ancient Civilizations



Which factor <u>most</u> contributed to the development of civilizations in the darker-shaded area?

A desert lands

B fresh water

C dense forests

20 **Read the legislative act.**

> The objective of this Act is to restore and maintain the chemical, physical, and biological [cleanliness] of the Nation's waters.
>
> — Federal Water Pollution Control Act, 2002

Which issue is addressed by this legislative act?

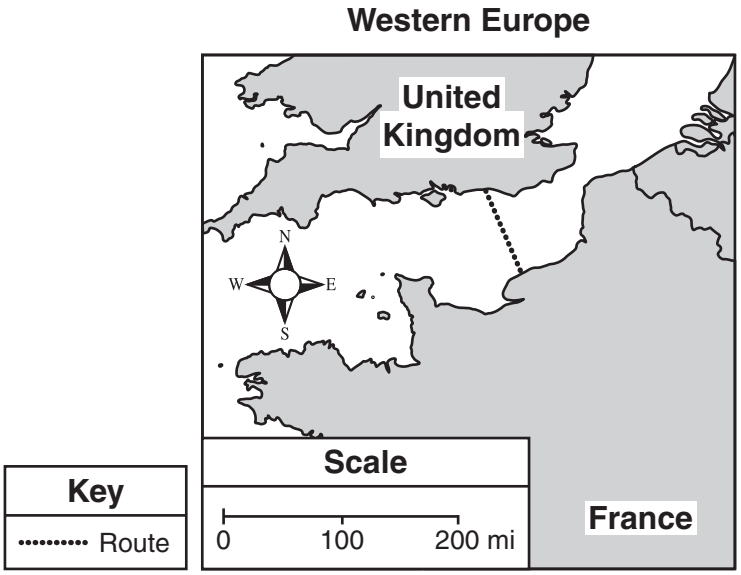
F declining agricultural prices

G growing urban populations

H poor environmental quality

Go On ▶

21 **Study the map.**



What is the distance of the route shown on this map?

A less than 50 miles

B between 50 and 100 miles

C more than 150 miles

22 **Which feature <u>most</u> distinguishes a rural area from other type of communities?**

F lack of tall buildings

G fewer natural disasters

H low population density

23 **Which term could best be defined as the growth of a city?**

A globalization

B industrialization

C urbanization

24 **Study the map.**

The Continental United States

A family who travels from Atlanta to Denver would have the correct time if they set their watches

F forward one hour.

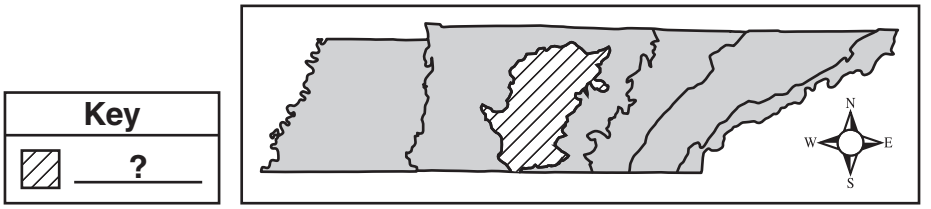
G backward two hours.

H forward three hours.

Go On ▶

25 **Study the map.**

The Six Physical Regions of Tennessee



Which region <u>best</u> completes the map key?

A Gulf Coastal Plain

B Central Basin

C Unaka Mountains

26 **Study the picture.**

Crater Lake, Oregon

© Tanyapanina/Dreamstime #10532427

Which type of map would <u>best</u> show elevation changes in this area?

F topographic

G political

H resource

27 **Study the passage.**

> Gentrification is often defined as [changing] neighborhoods from low value to high value. . . . [L]ong-time or original neighborhood residents move from [an] area because of higher rents, mortgages, and property taxes.
>
> — Centers for Disease Control and Prevention

What is one effect of this process?

A Property values in the area decreased.

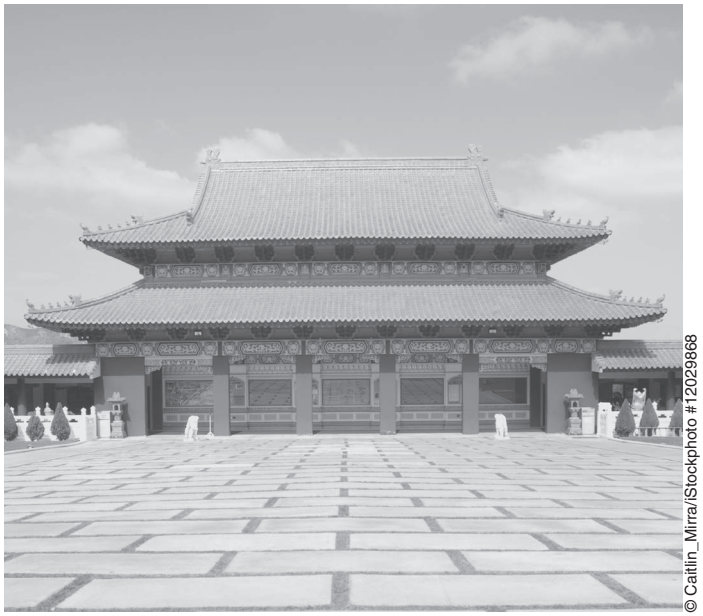
B Residents leave to avoid higher costs.

C Rental rates remain the same in the area.

Go On ▶

28 **Study the photograph.**

Hsi Lai Temple, California



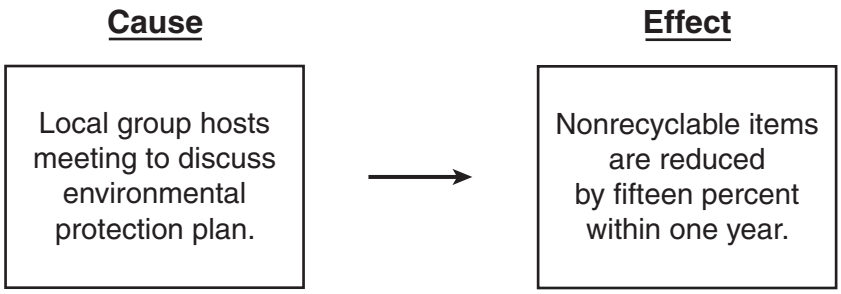
The photograph shows how U.S. culture has been influenced by

F East Asia.

G Western Europe.

H Latin America.

29 **Study the diagram.**



Which conclusion supports this diagram?

A City stops recycling program.

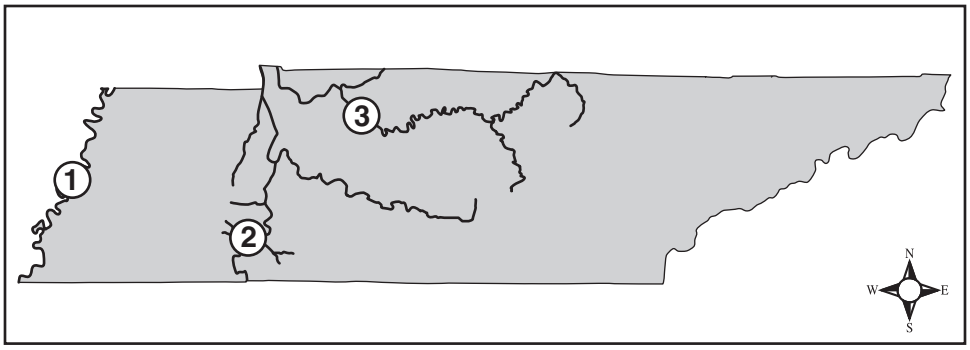
B Community group influences daily choices.

C State passes new environmental laws.

Go On ▶

30 **Study the map.**

Tennessee River Systems



Which number is paired with the correct river system?

F 1 — Tennessee

G 2 — Holston

H 3 — Cumberland

31 **Study the diagram.**

Deforestation in the Amazon

© luoman/iStockphoto #3438063

→ **?**

Which long-term result best completes this diagram?

A Increased energy supplies

B Better air quality

C More available farmland

STOP

32 Study the photographs.

1. Stove Using Propane

© Skm2000/Dreamstime #6974990

2. Machines Mining Coal for Production

© Dragunov1981/Dreamstime #5643898

3. Fans Using Wind to Produce Energy

© Icefields/Dreamstime #16458780

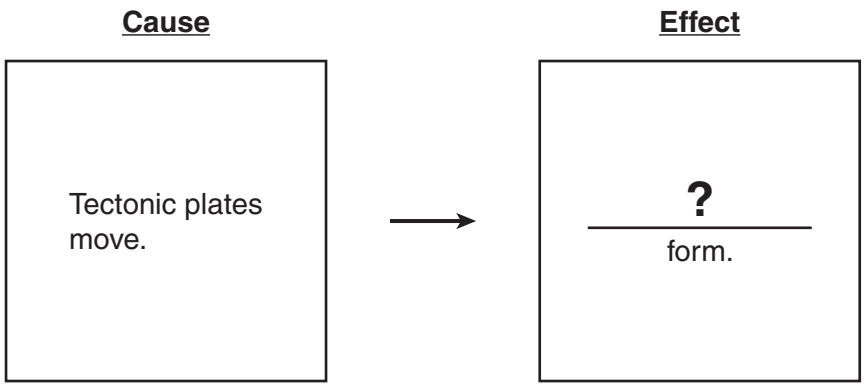
Which photograph shows the use of a renewable resource?

F 1

G 2

H 3

33 **Study the diagram.**



Which geographic feature best replaces the question mark?

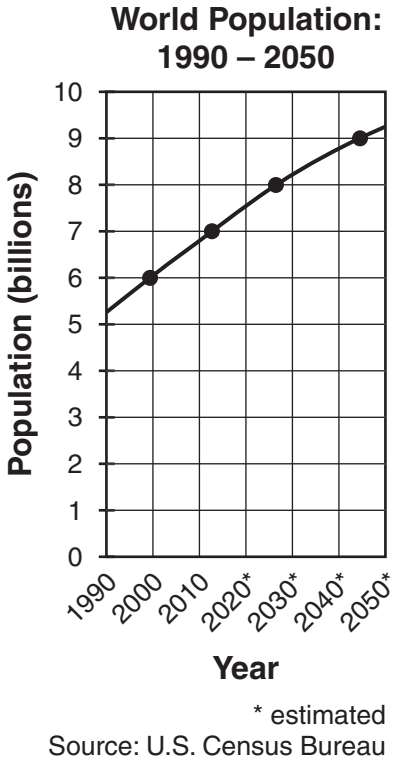
A Mountain ranges

B River deltas

C Glaciers

Go On ▶

34 **Study the graph.**



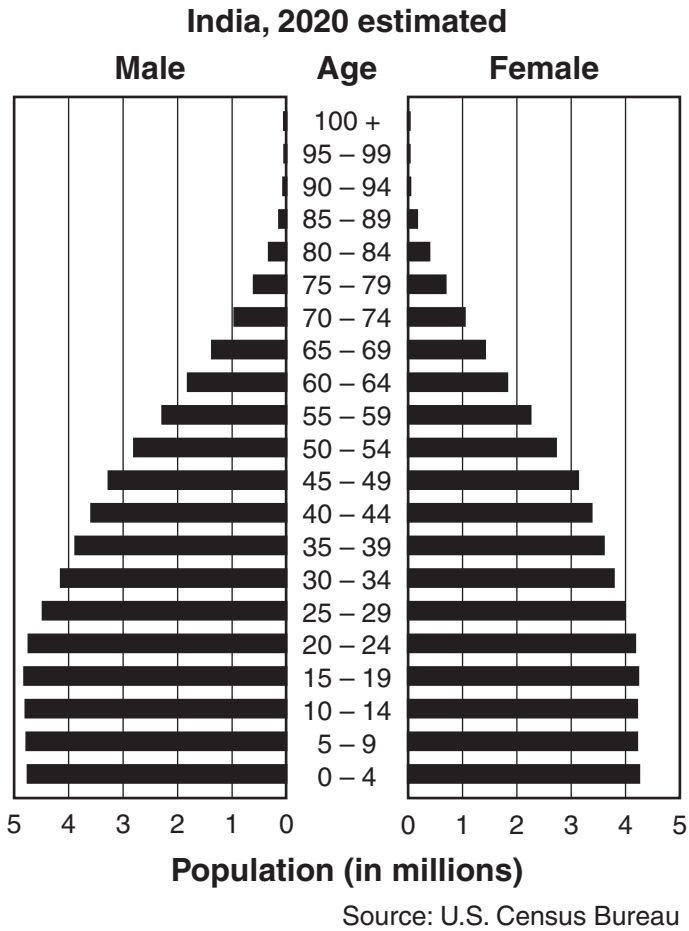
What is one possible effect of the trend shown in the graph?

F greater demand for food

G fewer service industries

H increase of agricultural lands

35 **Study the population pyramid.**



Based on the population pyramid, in which area will India spend the <u>least</u> money in 2020?

A childcare

B elderly health care

C school construction

Go On ▶

36 **Study the list.**

Causes of _____?_____

- Misuse of water resources
- Overgrazing of grasslands
- Overuse of farmlands

Which word <u>best</u> completes this title?

F Desertification

G Urbanization

H Deforestation

37 **Which map element is used to show direction?**

A legend

B compass rose

C bar scale

38 **Which headline shows a practice of individual freedoms supported by a democratic government?**

F

Protesters Speak Against
Tax Policies

G

Police Silence Opposition
Party Leaders

H

Religious Services Outlawed
throughout City

Go On ▶

39 **Study the chart.**

Push Factors for Migration
Natural Disasters
Civil War
?

Which push factor best completes the chart?

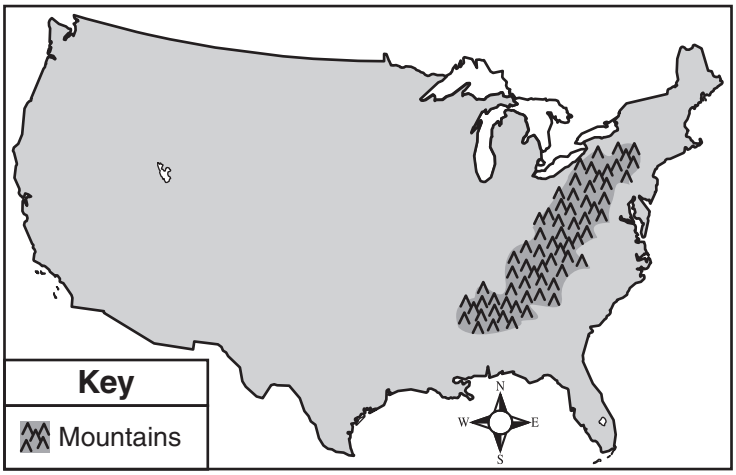
A Agricultural Success

B Religious Oppression

C Health Services

40 **Study the map.**

Continental United States



The darker-shaded region on the map is primarily defined as

F a physical region.

G an economic region.

H a functional region.

Go On ▶

41 **Study the information.**

> One billion people . . . [are] estimated to be living in either slum or squatter settlements. The largest [portion] of [the] population living in slums in the world is in the Asian region, which is also urbanizing at the fastest rate.
>
> — The New York Academy of Medicine, 2007

Which statement is supported by this information?

A Cities in Asia have a small percentage of residents living in slums.

B Asian businesses avoid areas with large urban populations.

C Urban areas in Asia likely have large slum districts.

42 **Study the chart.**

English Word	Language of Origin
Brigade	French
Canyon	Spanish
Replica	Italian

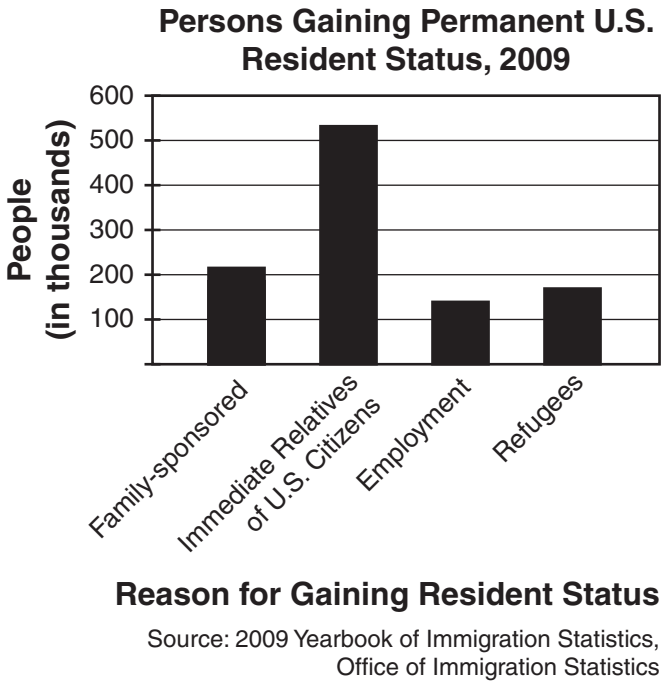
Which factor <u>most</u> likely led to this development?

F combining cultures

G economic hardships

H religious traditions

43 **Study the graph.**



Which statement is supported by the graph?

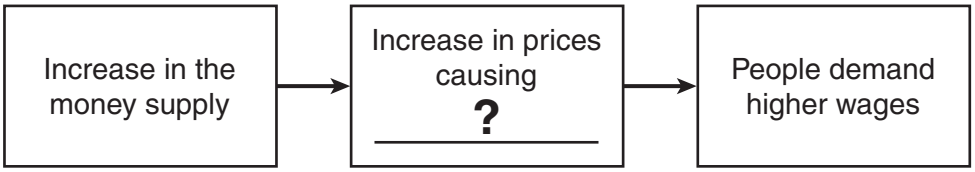
A Employment opportunity is the major cause of migration.

B Political problems in home countries guarantee resident status.

C Family connections often encourage individuals to seek resident status.

Go On ▶

44 **Study the diagram.**



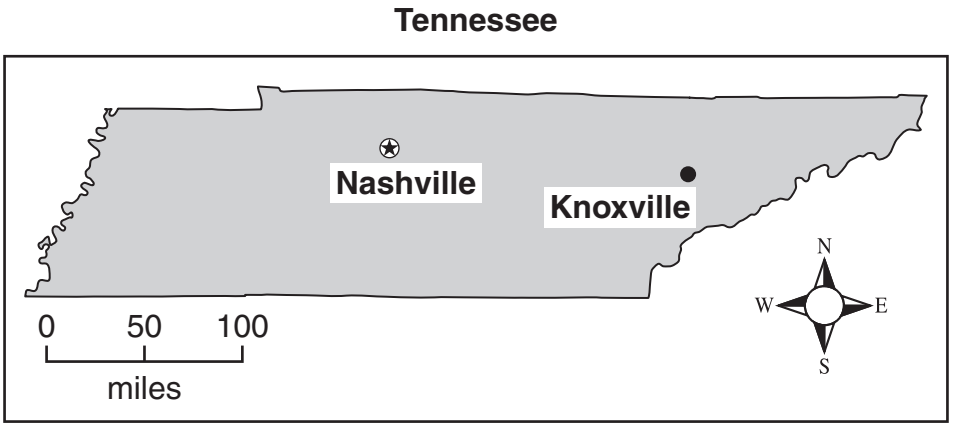
Which economic term <u>best</u> completes this diagram?

F inflation

G scarcity

H rationing

45 **Study the map.**



What is the approximate distance between Nashville and Knoxville?

A 75 miles

B 150 miles

C 250 miles

46 **Which result is most likely to occur as Earth's population increases?**

F higher levels of water pollution

G growth of dictatorships

H more people working on farms

47 **Study the picture.**

Queen Elizabeth I

© pictore/iStockphoto #16145680

The individual in this picture ruled in a

A democracy.

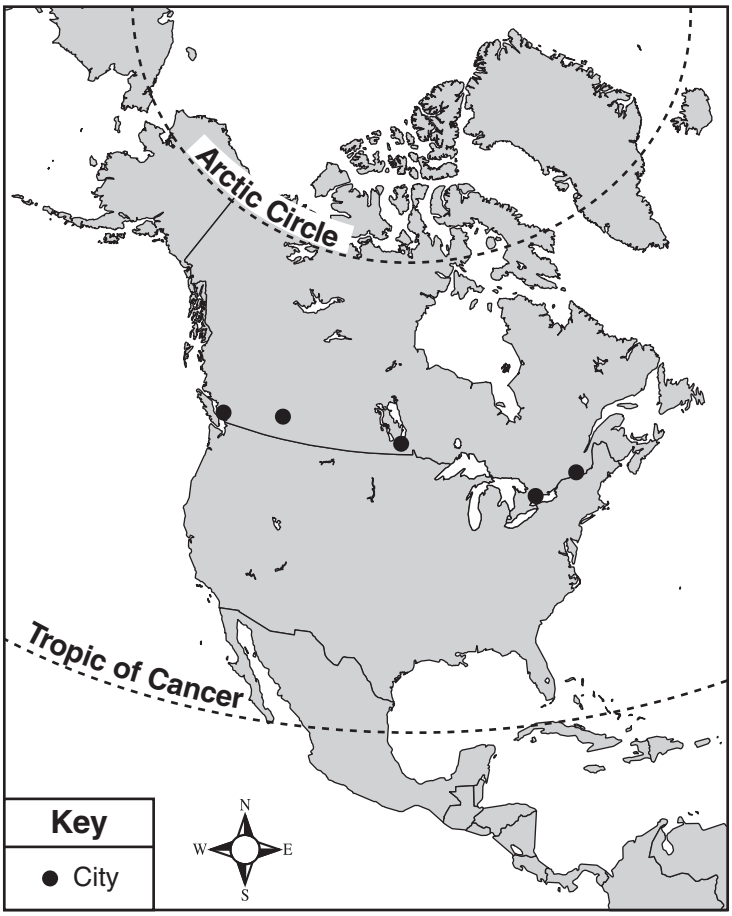
B theocracy.

C monarchy.

Go On ▶

48 **Study the map.**

North America



Which reason might <u>best</u> explain why many Canadian cities are located near the United States border?

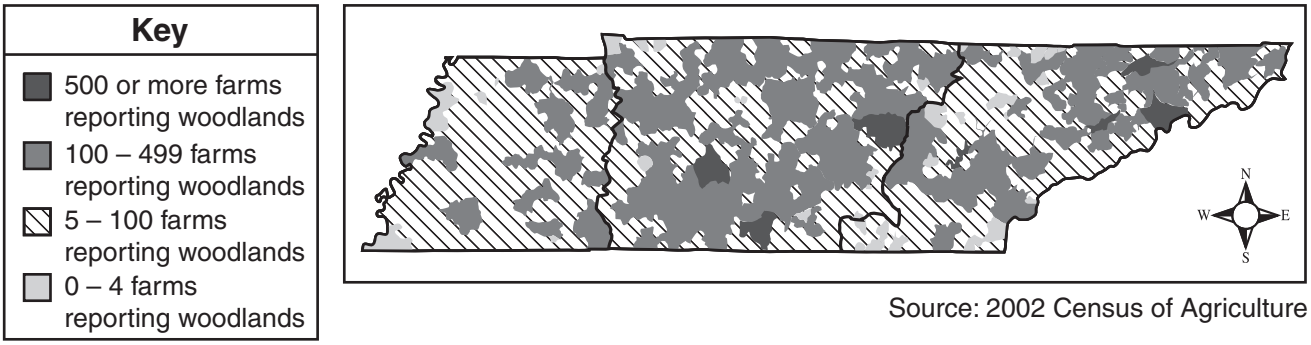
F land is less expensive

G milder weather conditions

H greater access to universities

49 Study the map.

Tennessee Woodlands, 2002



Source: 2002 Census of Agriculture

Which grand division had the most farms with woodlands?

A the eastern division

B the middle division

C the western division

Go On ▶

50 **Which headline would most likely be published in a rural area newspaper?**

F

Mega Malls Extend Shopping Hours

G

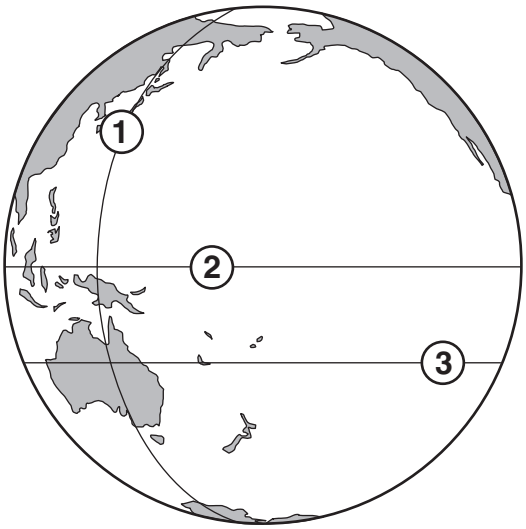
Residents Complain About Traffic Delays

H

Local Farmers Support Environmental Cleanup of River

51 Study the map.

The World



Which number shows the location of the Tropic of Capricorn?

A 1

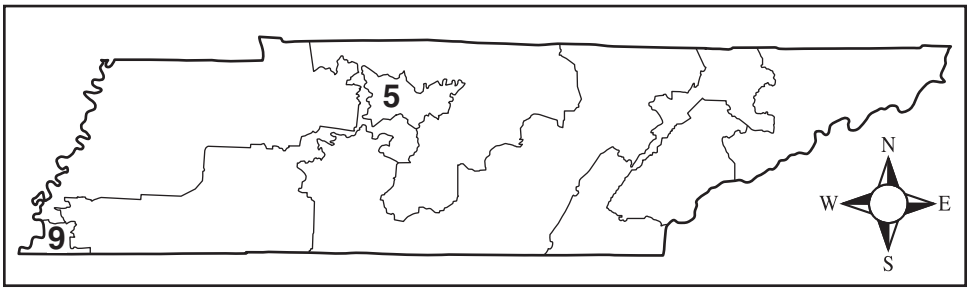
B 2

C 3

Go On ▶

52 **Study the map.**

Tennessee Congressional Districts



Source: nationalatlas.gov

The size of Tennessee's 5th and 9th districts most likely resulted from

F citizens moving to large cities.

G increased restrictions on federal land use.

H boundaries created by the state governor.

53 **Which headline best describes an example of goods being exported?**

A

Daily Express

German Businesses Invest Millions in New Technology

B

Daily Express

Tennessee Farm Profits Affected by Dry Weather

C

Daily Express

United States Dealership Sends Hybrid Cars to Canada

54 **Which demographic measure shows the numbers of births and deaths in a specific area?**

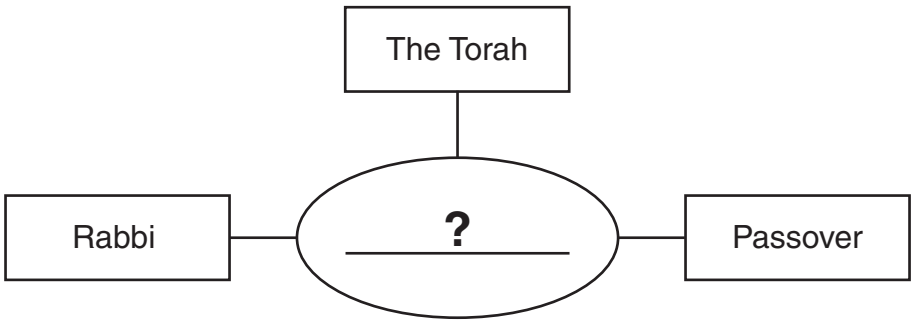
F population distribution

G growth rate

H family size

Go On ▶

55 **Study the diagram.**



Which religion best completes the diagram?

A Judaism

B Christianity

C Buddhism

56 **Study the map.**

World Map

Which pair correctly matches a mountain range to its location?

F 1 — Andes

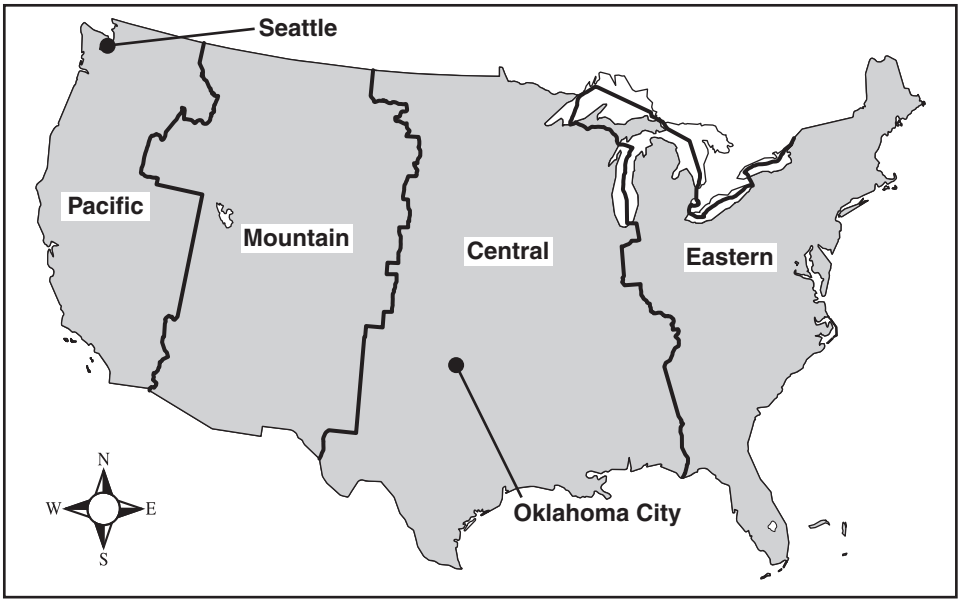
G 2 — Urals

H 3 — Himalayas

Go On ▶

57 **Study the map.**

United States Time Zones



If it is 4:00 P.M. in Oklahoma City, what time is it in Seattle?

A 1:00 P.M.

B 2:00 P.M.

C 5:00 P.M.

58 **Study the information.**

> The World Bank provides $22 million to promote Afghanistan's private sector. These businesses are run by private individuals or groups.

Based on the information, one goal of the World Bank is most likely to

F encourage economic growth.

G guarantee fair labor practices.

H stop trade monopolies.

Go On ▶

59 **Study the picture.**

Garden of the Gods Park, Colorado

© Lincolnrogers/Dreamstime #1178166

Which process currently has the greatest influence on the appearance of the rock formation in the picture?

A deposition

B weathering

C volcanism

60 **How would stopping deforestation affect an area?**

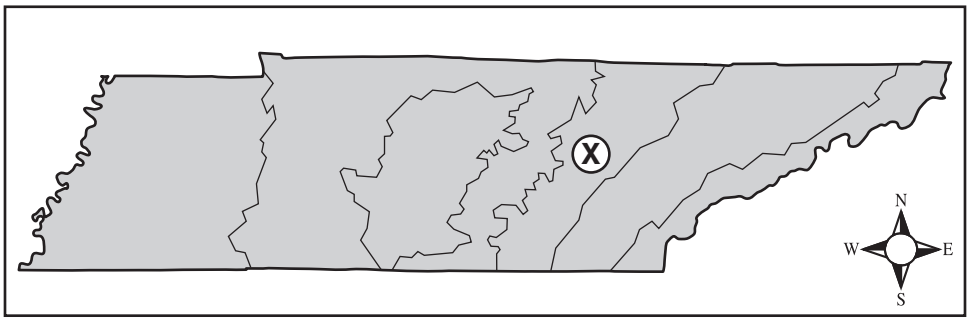
F The number of tourists would be reduced.

G The animal population may remain in the region.

H The price of building materials would be lower.

61 **Study the map.**

Tennessee's Physical Regions



Which region on the map is marked by the X?

A Cumberland Plateau

B Highland Rim

C Central Basin

STOP

Reading/Language Arts
Answer Key

1	C
2	F
3	A
4	F
5	B
6	H
7	A
8	G
9	A
10	G
11	C
12	F
13	C
14	G
15	B
16	F
17	B
18	F
19	A

20	H
21	A
22	H
23	A
24	H
25	B
26	H
27	C
28	G
29	B
30	F
31	A
32	H
33	C
34	H
35	A
36	H
37	C
38	F

39	C
40	H
41	B
42	G
43	B
44	F
45	A
46	G
47	B
48	F
49	C
50	H
51	B
52	H
53	A
54	H
55	B
56	H
57	B

58	H
59	A
60	F
61	B
62	G
63	C
64	G
65	A
66	H
67	C
68	F
69	B
70	G
71	A
72	G
73	C

Mathematics
Answer Key

1	C
2	H
3	A
4	G
5	C
6	F
7	B
8	F
9	B
10	H
11	B
12	H
13	A

14	G
15	B
16	G
17	A
18	H
19	C
20	F
21	C
22	G
23	C
24	F
25	B
26	H

27	C
28	F
29	B
30	F
31	B
32	F
33	A
34	H
35	A
36	G
37	B
38	F
39	A

40	G
41	B
42	F
43	C
44	F
45	C
46	F
47	A
48	H
49	C
50	G
51	C

Science
Answer Key

1	C
2	G
3	C
4	G
5	A
6	H
7	A
8	F
9	A
10	G
11	C
12	F
13	A
14	F
15	C
16	H

17	A
18	H
19	B
20	F
21	B
22	G
23	A
24	F
25	B
26	H
27	B
28	F
29	C
30	G
31	C
32	F

33	C
34	F
35	C
36	G
37	B
38	G
39	C
40	H
41	B
42	H
43	B
44	F
45	B
46	H
47	C
48	G

49	B
50	G
51	A
52	F
53	B
54	H
55	B
56	F
57	A
58	H
59	C
60	G
61	C

Social Studies
Answer Key

1	C
2	F
3	B
4	F
5	B
6	F
7	B
8	F
9	C
10	F
11	A
12	H
13	B
14	H
15	B
16	F

17	C
18	H
19	B
20	H
21	B
22	H
23	C
24	G
25	B
26	F
27	B
28	F
29	B
30	H
31	C
32	H

33	A
34	F
35	B
36	F
37	B
38	F
39	B
40	F
41	C
42	F
43	C
44	F
45	B
46	F
47	C
48	G

49	B
50	H
51	C
52	F
53	C
54	G
55	A
56	H
57	B
58	F
59	B
60	G
61	A

Tennessee Comprehensive Assessment Program

Modified Academic Achievement Standards ~ Grade 7

Practice Test

Version B

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