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Introduction

What is the TCAP Achievement Test?

The TCAP Achievement 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 sample questions in this on-line Item Sampler are representative of the item types and item formats that will be used in the actual test, including those questions with and without art.

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 will be tested?

All students in grades 3 through 8 will be tested.

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 do I use the sample questions?

These questions provide information about the TCAP Achievement Test. The questions in the on-line Item Sampler are representative of questions that will be on the TCAP Achievement Test.

In a classroom learning session, these questions can be used to prepare students for the actual test. Item types with and without art are presented to better familiarize students with the actual test format.

An answer key for the sample questions is provided at the end of this on-line Item Sampler.
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 portions of the TCAP Achievement Test (grades 3–8) as per system policy.

Which test accommodations may be used?

The Achievement 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.

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.
Directions  Jesse wrote a report about his favorite food. It contains mistakes. Read the report and answer Numbers 1 through 8.

Flat Bread

(1) One of my favorite foods is bread.  (2) I love going to the bakery and helping my mother pick out rolls bagels and wheat bread.  (3) I also enjoy breads from other cultures.

(4) My grandmother makes piki when she visiting.  (5) Piki is flat bread from the Hopi, a Native American tribe.  (6) It is made from blue cornmeal.  (7) The Hopi used to cook the bread on a special flat rock.  (8) Piki is as thin as a sheet of paper.  (9) It crunches when you bite it.

(10) Tanji is my friend from india.  (11) Her family makes flat bread called naan.  (12) It is made in a round oven.  (13) Naan is soft and smooth.  (14) It is not as flat as piki, though.

(15) When I go to my friend Mike's house, his grandfather cooks for us.  (16) The last thing he made for us was a flat Greek bread called pita.  (17) It is round and has a pocket in the middle.  (18) Pita is also called pocket bread, and it is fun to eat.

Reporting Category:  1 Language

Performance Indicator:  0301.1.2 Identify the correct use of verbs (i.e., present, past, and future tense) within context.

1  Read Sentence 17.

It is round and has a pocket in the middle.

What is the correct way to write the underlined verb in this sentence?

A  have
B  having
C  will have
D  correct as is

Go On  ▶
2 Read Sentence 3.

I also enjoy breads from other cultures.

Which word is the simple predicate in this sentence?

F I
G enjoy
H breads
J from

3 Read Sentences 8 and 9.

Piki is as thin as a sheet of paper. It crunches when you bite it.

What is the best way to combine these sentences?

A Piki is as thin as a sheet of paper because it crunches when you bite it.
B Piki is as thin as a sheet of paper so crunches when you bite it.
C Piki is as thin as a sheet of paper or it crunches when you bite it.
D Piki is as thin as a sheet of paper and crunches when you bite it.
4 Read Sentence 10.

Tanji is my friend from India.

Which sentence uses capital letters correctly?

F Tanji is my Friend from India.
G Tanji is my Friend from India.
H Tanji is my friend from India.
J Tanji is My friend from India.

5 Read Sentence 18.

Pita is also called pocket bread, and it is fun to eat.

What is the correct way to write the underlined words as a contraction?

A it’s
B its’
C it’s
D i’ts
6 Read Sentence 2.

I love going to the bakery and helping my mother pick out rolls bagels and wheat bread.

What is the correct way to place the commas in this sentence?

F I love going to the bakery and helping my mother pick out rolls, bagels, and wheat bread.
G I love going to the bakery and helping my mother pick out rolls, bagels, and, wheat bread.
H I love going to the bakery and helping my mother pick out rolls, bagels and wheat, bread.
J I love going to the bakery and helping my mother pick out rolls bagels and, wheat bread.

7 Read Sentence 11.

Her family makes flat bread called naan.

What is the correct spelling for the underlined word?

A family
B fammily
C familey
D famly
Read Sentence 4.

My grandmother makes *piki* when she *visiting*.

Choose the correct form of the underlined root word.

- F visited
- G visit
- H visits
- J correct as is
Directions

A student wrote the following passage. It contains mistakes. Read the passage and answer Numbers 9 through 16.

Wiggly Worms

(1) Many people may dislike worms because they are slimy and wiggly. (2) However, many kinds of worm are good for the earth. (3) Earthworms are one type of worm that help the soil.

(4) Earthworms like to eat dirt, dead insects, and plants. (5) This helps the soil to become rich. (6) Rich soil helps farmers to grow food. (7) Worms also dig tunnels in the dirt. (8) The tunnels bring air and water into the soil to help plants grow.

(9) Earthworms have amazing bodies. (10) They don’t not have legs, arms, or eyes. (11) However, they can sense light and many will move away from brightness. (12) If a worm loses its tail, the tail will grow back.

(13) Baby earthworms are born out of cocoons that are as small as a grain of rice. (14) Earthworms start small. (15) Some earthworms can grow up to twelve feet long. (16) The longer earthworm ever found was in South Africa. (17) It was twenty-two feet long!

(18) Earthworms may be wiggly, but they are fun to learn about.

9 Read Sentence 2.

However, many kinds of worm are good for the earth.

What is the correct way to write the underlined words in the sentence?

A many kinds of worms
B many kind of worms
C many kind of worm
D correct as is
10  Read Sentence 12.

If a worm loses its tail, the tail will grow back.

What is the correct way to write the underlined words?

F  grow
G  grew
H  will grows
J  correct as is

11  Read Sentence 16.

The longer earthworm ever found was in South Africa.

What is the correct way to write the underlined word?

A  more longer
B  longest
C  long
D  most long
12 Read Sentence 6.

Rich **soil** helps farmers to grow food.

Which underlined word is the simple subject of the sentence?

F  soil  
G  helps  
H  farmers  
J  grow

13 Read Sentences 14 and 15.

Earthworms start small. Some earthworms can grow up to twelve feet long.

Which sentence shows the best way to combine the sentences above?

A  Earthworms start small but can grow up to twelve feet long.  
B  Earthworms start small, or they can grow up to twelve feet long.  
C  Earthworms start small so can grow up to twelve feet long.  
D  Earthworms start small, for they can grow up to twelve feet long.
Which word from the passage is a contraction?

- F wiggly
- G tunnels
- H don’t
- J brightness

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Read Sentence 10.

They don’t not have legs, arms, or eyes.

What is the correct way to write this sentence?

- A They don’t not have any legs, arms, or eyes.
- B They don’t have no legs, arms, or eyes.
- C They don’t have none legs, arms, or eyes.
- D They don’t have legs, arms, or eyes.
Read Sentence 13.

Baby earthworms are born out of cocoons that are as small as a \underline{\text{grain}} of rice.

In which word below does the \underline{\text{ea}} have the same sound as the \underline{\text{ai}} in \underline{\text{grain}}?

F meal
G dream
H break
J leave
Jan gave the following speech. Read the speech and answer Numbers 17 through 25.

**Adopt-a-Highway**

1. Hello. I’m Jan from Mrs. Lake’s class. My class wants to work together to help the community. We think we have found a great way to do this. Last month we did a class project on state highways. We learned about the Adopt-a-Highway Program. This program brings people together to pick up litter along the roads. We think it would be a great idea for all Bolton Elementary students to join the program and adopt a highway.

2. Adopting a highway is not like adopting a pet. When a highway is adopted, only part of the highway is cared for by a group of people. The group agrees to work every week to keep its part of the highway clean. Each group gets its own sign that has the name of the group printed on it. The sign is put up alongside the road. This sign lets drivers know who is keeping that area of the road clean.

3. The Adopt-a-Highway Program is a great way for people to help their community look nicer. Also, the state does not have to send out as many road workers. This saves money. Finally, people may try harder to keep roads clean if they see people, especially kids like us, cleaning them up.

4. We will need volunteers to help care for our adopted highway. If you want to feel great and keep our roads clean, please come with your parents to the meeting next week. We will meet in Mrs. Lake’s room on Wednesday at 6:00 P.M. Please take a flyer when you leave today. It tells all about the Adopt-a-Highway Program. At the meeting, we will talk about which roads are the messiest as a result of people’s unkind acts. Then we’ll try to pick an area to adopt and clean up.

5. I look forward to seeing you at the meeting. Remember to keep Tennessee roads clean!
**Reporting Category:** 2 Vocabulary

**Performance Indicator:** 0301.1.16 Determine word meanings using prefixes and suffixes and/or context clues.

17 Read this sentence from Paragraph 4.

At the meeting, we will talk about which roads are the messiest as a result of people’s **unkind** acts.

What does the word **unkind** mean?

| A  | always helping |
| B  | not nice       |
| C  | without wanting|
| D  | very good      |

**Reporting Category:** 4 Communication and Media

**Performance Indicator:** 0301.2.1 Identify the main idea of a speech.

18 What is this speech mostly about?

| F  | why a new highway is needed |
| G  | why students should work together |
| H  | how to save money for a town |
| J  | how to help keep a highway clean |
What is Jan mainly asking the listeners to do?

A. join a group that picks up litter along a road
B. learn about state highways
C. write letters to their parents
D. put up signs near their homes about picking up litter

How should students behave while Jan is talking?

F. ask her many questions
G. tell her when there is a mistake
H. listen carefully and look at her
J. draw pictures and look down at their desks
Performance Indicator: 0301.2.3 Given a written summary of a speech, choose from a list of ideas the one not mentioned in the speech.

21 After listening to Jan’s speech, a student wrote the following summary. Read the summary and answer the question.

The Adopt-a-Highway Program is a good way for children to help their community. They can pick up trash and save money. Special signs warn drivers of danger. Children who are interested in the program should attend the meeting on Wednesday.

Which sentence from the summary is not part of the speech?

A. The Adopt-a-Highway Program is a good way for children to help their community.
B. They can pick up trash and save money.
C. Special signs warn drivers of danger.
D. Children who are interested in the program should attend the meeting on Wednesday.

Performance Indicator: 0301.5.2 Distinguish between fact and opinion within text.

22 Which sentence from the speech is an opinion?

F. This program brings people together to pick up litter along the roads.
G. When a highway is adopted, only part of the highway is cared for by a group of people.
H. Each group gets its own sign that has the name of the group printed on it.
J. The Adopt-a-Highway Program is a great way for people to help their community look nicer.
23 What should students do first if they want to join the Adopt-a-Highway Program?

A put up signs alongside a road  
B go to a meeting next Wednesday  
C pick a spot they want to adopt  
D ask Mrs. Lake if they can join

24 What is the main message of this speech?

F Keep our roads looking good.  
G Help people in our community.  
H Take letters to your parents.  
J Work with other students.
Which of these would be **best** for Jan to show the listeners during her speech?

A  a map of the main highways in Tennessee  
B  pieces of litter found around the school  
C  a picture of the students in Mrs. Lake’s class  
D  pictures of a road before and after it was cleaned
Directions: Matt wrote the following report for science class. It contains mistakes. Read the report and answer Numbers 26 through 36.

1. Sea squirts are little animals that live in the ocean. They have hollow bodies that water flows through. The sea squirt gets its name from one special thing it does. It squirts out the water that goes through its body. There are many other little animals in the ocean.

2. Sea squirt babies look like tadpoles. They swim around by moving their tails. They swim until they find a home. They might find a home at the bottom of a boat, on a piece of wood, on a clamshell, or even on crabs and seaweed. When they decide on a place, they attach themselves to the new home by using a sucker on their head.

3. The sea squirt grows a rubbery skin, or coat. Sea squirt coats can be different colors. Some coats are so clear that a person can see the insides of the animal! As adults, most sea squirts are shaped like small potatoes with two holes near their tops.

4. Some sea squirts live in groups called colonies, but adult sea squirts don’t move around like other animals do. They just stay in one place. They get their food from the water that passes through them and that they squirt right back out.

Reporting Category: 3 Writing and Research
Performance Indicator: 0301.3.1 Identify the purpose for writing (i.e., to entertain, to inform, to respond to a picture, story, or art).

26. What is the main purpose for writing this report?
   - F to give an opinion about an unusual sea animal
   - G to explain how to care for sea animals
   - H to inform others about an unusual sea animal
   - J to ask people to help sea animals
27 Who would be most interested in reading this report?

A someone who likes to learn about fishing  
B someone who enjoys funny stories  
C someone who likes mystery books  
D someone who enjoys learning about animals

28 Which sentence would best begin Paragraph 3?

F After a sea squirt finds a home, it begins to grow and change its shape.  
G As a baby, a sea squirt will swim for many hours looking for a place to live.  
H Sea squirts get food from the water that goes through their bodies.  
J Sea squirts have been around for a long time.
29 Which supporting sentence could be added to Paragraph 3?

A Most sea animals will not eat sea squirts.
B The coat helps protect the sea squirt from its enemies.
C Sea squirts look soft until you get up close.
D Most animals have some kind of outer covering.

30 Which sentence does not belong in Paragraph 1?

F Sea squirts are little animals that live in the ocean.
G The sea squirt gets its name from one special thing it does.
H It squirts out the water that goes through its body.
J There are many other little animals in the ocean.
Reporting Category: 3 Writing and Research
Performance Indicator: 0301.3.7 Choose the most specific word to complete a simple sentence.

31 Read this sentence from Paragraph 2.

They swim around by moving their tails.

Choose the most specific word to replace the underlined word in the sentence above.

A flowing
B getting
C holding
D wiggling

Reporting Category: 3 Writing and Research
Performance Indicator: 0301.3.8 Select an appropriate title that reflects the topic of a written selection.

32 Which title is the best for this report?

F Animals in the Sea
G All About Sea Squirts
H Things That Squirt
J Sticky Tadpoles
Look at the graphic organizer Matt made before writing his report.

Which of these best fits in the empty space?

A  is the size of a potato
B  has bright colors
C  grows a rubbery skin
D  lives inside of boats
Matt’s teacher wants him to research more information about sea squirts. Which book should Matt check out from the library?

- **F** How to Care for Sea Animals
- **G** Strange Sea Animals
- **H** Animals of South America
- **J** Sea Tales for One and All
Matt is using a thesaurus to revise his report. For what purpose is he using the thesaurus?

A  to add more facts to her report
B  to discover the location of sea squirts on a map
C  to find words that have similar meanings
D  to look at pictures of sea squirts
36 Matt wants to add more information about baby sea squirts to Paragraph 2. Which source is best for him to use?

F an online encyclopedia
G an online dictionary
H a Web site about tadpoles
J a Web site about seaweed
Koala Joey

by Buffy Silverman

1 Far away in Australia, a koala sits high in a eucalyptus tree. She grips a branch with the rough pads and sharp claws on her paws. In her pouch she hides something special—her baby.

2 At birth the baby koala, called a joey, does not look like his furry mom. He is pink and bald and as small as a jellybean. Although he cannot see, he moves his legs and crawls. He smells milk and, without any help, starts to feel his way to his mother’s pouch. Five minutes later he slips inside.

3 Inside the pouch, the joey drinks his mother’s milk and grows. His eyes open. His ears form, and he hears his mother’s calls. Soon thick fur covers his body. By the time the joey is ready to explore the world, he looks like his mother.

4 At five months old, the joey peers out of his pouch. He eats a special soft food from his mother called pap. When the joey eats pap, he gets bacteria from his mother’s stomach in his tummy too. He will need the bacteria to eat eucalyptus leaves, like grownup koalas do.

5 In another month, the joey leaves the pouch for the first time. He clings to his mother’s belly while she climbs in the treetops. By the time he is eight months old, the joey no longer fits in his mother’s pouch. But he still drinks her milk.

6 Now, for a few hours each night, the joey climbs on his mother’s back for a ride. While riding piggyback, he reaches for eucalyptus leaves. Just like mom, he nips off leaves and chews them. The leaves have plenty of water in them, so koalas rarely go to the ground for a drink.
When the joey is about one year old, his piggyback days are over. Now he climbs to the treetops by himself. On each of his front paws, he has two thumbs opposite his three fingers. He can grip branches and grab leaves.

The young koala spends more and more time away from his mother. He no longer drinks her milk. He dozes alone on tree branches. Soon he will move to another tree and live on his own.


Reporting Category: 2 Vocabulary
Performance Indicator: 0301.1.17 Select appropriate synonyms and antonyms within context.

Read these sentences from Paragraph 6.

While riding piggyback, he reaches for eucalyptus leaves. Just like mom, he nips off leaves and chews them.

Which word means about the same as nips?

A. catches
B. climbs
C. runs
D. bites
Read these sentences from Paragraph 2.

He smells milk and, without any help, starts to feel his way to his mother's pouch. Five minutes later he **slips** inside.

What does the word **slips** mean?

F moves  
G gives  
H sleeps  
J uses

Which source would be **best** to use for finding more information on eucalyptus trees?

A a map of Australia  
B a newspaper from Australia  
C a book about koalas in Australia  
D a Web site about plants in Australia
Lisa made this chart after reading the passage.

### What a Joey Does at Different Ages

<table>
<thead>
<tr>
<th>Age</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Five months old</td>
<td>Looks out of his pouch</td>
</tr>
<tr>
<td>Six months old</td>
<td>Leaves the pouch for the first time</td>
</tr>
<tr>
<td>Eight months old</td>
<td></td>
</tr>
<tr>
<td>One year old</td>
<td>Climbs trees by himself</td>
</tr>
</tbody>
</table>

What information belongs in the empty space?

- **F** Eats a food called pap
- **G** Clings to his mother’s belly
- **H** Sleeps on tree branches
- **J** Rides on his mother’s back
Reporting Category: 3 Writing and Research
Performance Indicator: 0301.4.4 From a given list, identify information that is (or is not) available in a certain reference source (e.g., what information does one find in a thesaurus).

41 Which piece of information from the passage would a student find in an atlas?
   A  the definition of the word bacteria
   B  a map that shows where Australia is
   C  a picture of a eucalyptus tree
   D  the number of hours a koala sleeps

Reporting Category: 5 Logic
Performance Indicator: 0301.5.4 Determine sequence of events in text.

42 A joey stops drinking its mother’s milk when it is about
   F  five months old.
   G  six months old.
   H  eight months old.
   J  one year old.
Which question is answered in this passage?

A  How do koalas get the water they need?
B  How much food do koalas eat?
C  How large are adult koalas?
D  How long do koalas sleep each day?

What is Paragraph 2 mainly about?

F  the name of a baby koala
G  what a newborn koala is like
H  what kind of fur a newborn koala has
J  the size of a baby koala
45 After reading the passage, what can the reader conclude about the last picture?

A. The joey has never been out of its mother’s pouch before.

B. The joey has just opened its eyes.

C. The joey is about eight months old.

D. The joey spends most of its days alone in the trees.

46 After reading the passage, Pete wrote the following list of facts about baby koalas.

**Baby Koalas**
1. live in Australia
2. swing around in the trees
3. cannot see when born
4. have two thumbs

Which number is not true and should be taken off Pete’s list?

F. Fact 1

G. Fact 2

H. Fact 3

J. Fact 4
47 Caleb is giving a presentation to his class about baby koalas. Which of these would best help his classmates learn about baby koalas?

A a map of an Australian forest
B a drawing of how koalas climb trees
C a photograph of a eucalyptus tree
D a timeline of how koalas grow

48 The author most likely wrote this passage in order to

F inform readers about baby koalas.
G tell a funny story about a baby koala.
H encourage people to protect baby koalas.
J compare a baby koala to other baby animals.
Directions
Read the poem. Then answer Numbers 49 through 53.

It Fell in the City
by Eve Merriam

It fell in the city,
It fell through the night,
And the black rooftops
All turned white.

Red fire hydrants
All turned white.
Blue police cars
All turned white.

Green garbage cans
All turned white.
Gray sidewalks
All turned white.

Yellow NO PARKING signs
All turned white.
When it fell in the city
All through the night.

"It Fell in the City" from Blackberry Ink by Eve Merriam, copyright © 1985 by Eve Merriam. Used by permission of Marian Reiner.
49 Which line from the poem contains a compound word?

A  It fell in the city,
B  It fell through the night,
C  And the black rooftops
D  All turned white.

50 The reader can tell that this poem is about

F  ice.
G  rain.
H  snow.
J  paint.
### Reporting Category: 7 Literature

**Performance Indicator:** 0301.8.1 Identify and/or select rhyming words.

**51** Which pair of words from the poem rhymes?

- **A** hydrants, cars
- **B** night, white
- **C** signs, city
- **D** rooftops, sidewalks

### Reporting Category: 7 Literature

**Performance Indicator:** 0301.8.3 Identify forms of text as poems, plays, or stories.

**52** What is one way a reader can tell “It Fell in the City” is a poem?

- **F** It takes place at night.
- **G** It is written in short lines.
- **H** It has one main idea.
- **J** It tells the color of different objects.
What is the author’s main reason for writing this poem?

A  to tell a funny story  
B  to describe a scene  
C  to teach an important lesson  
D  to explain how to do a task
Directions
Read the story. Then answer Numbers 54 through 63.

Sparrow’s New Home

by Pam Miller

One day four birds met in a park. “Where do all of you live?” asked Robin.

“I live in the cherry tree in front of the school,” said Cardinal.

“I live in the oak tree next to the library,” said Blue Jay.

“And I live in the elm tree across from the bank,” said Robin. “How about you, Sparrow?”

“I live in the G at George’s,” said Sparrow.

“What did you say?” said Blue Jay.

“I live in the G at George’s Barbershop,” repeated Sparrow. “It’s right down the street from the bank. Follow me and I’ll show you.”

So all the birds flew down the street to George’s Barbershop.

Across the top of the shop were large letters that spelled out “George’s Barbershop.” And there, nestled snugly in the curve at the bottom of the G, was a small nest.

“See,” said Sparrow. “I told you I lived in the G at George’s. I’m quite happy here. The top of the G keeps out the rain, and there’s always plenty of hair lying about to weave into my nest.”

“Well,” said Robin, “I think you have selected a sensible spot.”

“Yes, indeed,” agreed Cardinal and Blue Jay.

The next day, the four birds again met together in the park. Sparrow looked a little flustered.

“Is anything wrong, Sparrow?” asked Robin.

“I’m afraid so,” said Sparrow. “You see, George the barber is moving away. He has packed up all his combs. He has packed up all the scissors. He has loaded his chairs onto a truck, and now he’s sweeping up all the hair.”

“He’s moving?” cried all the other birds at once. “What if he packs up the G in George’s? The G with your nest in it! We’d better hurry over there.”

The four birds flew away as fast as they could, but they arrived too late. All the letters in the sign at George’s Barbershop were gone, and the nest had gone with them. All that was left was an empty store with no name across the top.

Sparrow looked even more flustered.

“You can come live with me!” cried Cardinal.

“Thanks,” said Sparrow. “But I’m sure I’ll manage somehow.”

Go On
Every day after that, Cardinal, Blue Jay, and Robin met together in the park. But Sparrow did not come. The three friends were worried. Sparrow had looked so flustered the last time they had talked. Then one day, there was Sparrow, not looking flustered at all.

“Hello, hello,” said Cardinal, Blue Jay, and Robin. “Where have you been?”

“I’ve moved,” said Sparrow. “I’ve moved to the P in Pizza!”

“What did you say?” said Blue Jay.

“I live in the P in Pizza at Paul’s Pizza Place, where the barbershop used to be. I can offer you some tasty crumbs of pizza crust if you’re in the mood for a snack.”

So the four birds flew down the street to Paul’s Pizza Place to have a snack at Sparrow’s new home.

54 Read these sentences from Paragraph 15.

He has packed up all his combs. He has packed up all the scissors.

Which meaning of pack is used in these sentences?

F worn or carried
G crowded together
H completely filled with
J placed in something for moving

55 Read Paragraphs 10 and 11 from the story.

“See,” said Sparrow. “I told you I lived in the G at George’s. I’m quite happy here. The top of the G keeps out the rain, and there’s always plenty of hair lying about to weave into my nest.”

“Well,” said Robin, “I think you have selected a sensible spot.”

What does the underlined word mean?

A pretty
B hidden
C wise
D difficult
56. Why does Sparrow most likely choose a home in the P in Pizza?
   F. He wants to surprise his friends.
   G. He wants a home close to good food.
   H. It is close to his friends.
   J. It reminds him of his old home.

57. Why does Sparrow stop meeting the other birds at the park?
   A. He is moving to a new home.
   B. He is looking for the barber.
   C. He is busy eating crumbs off the sidewalk.
   D. He is planning a surprise for his friends.
58 Read the flow chart below.

Sparrow tells his friends about his home.

The barber moves his shop and sign.

Which event belongs in the empty box?

F  Sparrow finds a new home.
G  Four birds meet in the park.
H  Sparrow shows his friends his home at the barbershop.
J  The barber loads his chairs into a truck.

59 Which question is not answered in the story?

A  Where is the pizza shop?
B  Where does Blue Jay live?
C  Why does the barber close his shop?
D  Why do the birds worry about Sparrow?
Why did Sparrow like living in the sign above George’s Barbershop?

F  It was a large place.
G  It was cozy and dry.
H  The building was empty.
J  His friends lived there.
Performance Indicator: 0301.8.2 Identify setting, characters, and plot in a reading selection.

61 Where does this story take place?

A in a school
B near a forest
C in a town
D near a desert
What makes this story most like a fable?

F  It takes place mainly outdoors.
G  It has animals that speak like humans.
H  It tells something that happened long ago.
J  It tells about a problem that gets solved.

What is the main problem in the story?

A  Sparrow loses his home.
B  Sparrow misses his friends.
C  Four birds have to live in a park.
D  The barber has to find a new shop.
Directions: Read and answer Numbers 64 through 85.

Reporting Category: 1 Language
Performance Indicator: 0301.1.4 Identify correctly used capital letters in names, dates, and addresses.

64 Which sentence uses capital letters correctly?
   
   F My mother’s birthday is June 6, 1973.
   G Our class trip is on the first Friday of May.
   H My cousins live in Louisville, Kentucky.
   J Our new address is 322 Lincoln Avenue.

65 Which sentence uses capital letters correctly?

   A Did you send a letter to Aunt Frances?
   B Many schools are closed on President’s Day.
   C Rebecca goes to Pineview Elementary School.
   D Sam has just finished reading a Chapter Book.
Which sentence has the correct punctuation mark at the end?

F  On Saturday we picked out our new dog at the animal shelter.
G  Our dog’s name is Pebbles, and she is almost two years old,
H  I asked my friend Anna to come to our house and meet Pebbles?
J  Do you want to know if Anna and Pebbles like each other!

Read this sentence.

Will you come to my baseball game next Sunday

Which punctuation mark belongs at the end of this sentence?

A   a period
B   an exclamation point
C   a comma
D   a question mark
Which of these is an interrogative sentence?

- F Stay away from the river!
- G This book is about a mystery.
- H What time does the art class start?
- J The chess club meets in that room.

Which word list is in alphabetical order?

- A porch
  problem
  print
- B problem
  porch
  print
- C porch
  print
  problem
- D print
  problem
  porch
Look at these guide words from the top of a dictionary page.

shy  slipper

Which word would appear on that dictionary page?

F  shine
G  silver
H  sport
J  sloppy

Read this sentence.

Allen’s bruther caught three spotted frogs near the creek.

Which underlined word is spelled incorrectly?

A  bruther
B  caught
C  spotted
D  creek
72 Read this sentence.

The girls rode ________ bikes in the park.

Which word belongs on the blank?

F  their  
G  there  
H  the’re  
J  they’re

73 Which sentence uses the underlined word correctly?

A  Justin wrote a letter too his older brother.  
B  Maria showed her stories two the teacher.  
C  Some students wrote stories and poems to.  
D  One student drew two pictures of a squirrel.
Four students are working in a group to solve a problem in math class.

Tyrese is taking notes.
Jorge is writing down ideas.
Mia is finishing his homework.
Jesse is reading the problem out loud.

Which student’s behavior does not help the group?

F  Tyrese
G  Jorge
H  Mia
J  Jesse
Read these sentences.

1. Saturday was cold and rainy, and Hanna was bored with being indoors.
2. Hanna was excited as she put on her raincoat and boots.
3. She asked her mother if she could play outside in the puddles.
4. Her mother said she had to dress for the weather.

Which is the best order for these sentences?

A 1, 2, 4, 3
B 1, 3, 4, 2
C 2, 4, 3, 1
D 4, 2, 3, 1

Read this sentence.

Tim _______ over the tall fence to get the lost softball.

Which of these is the most specific word to use in this sentence?

F got
G ran
H went
J climbed
A student is writing a report about how the telephone was invented. Which of these would probably not be a good source for this report?

A  an atlas
B  an encyclopedia
C  a Web site about the history of the telephone
D  a book about important inventions

Maddie is writing a report on the sun. Which of these sources would be the best place for Maddie to find information for her report?

F  a dictionary
G  a short story
H  a newspaper
J  a science book
Read this chart and answer the question.

### State Birds, Flowers, and Trees

<table>
<thead>
<tr>
<th>State</th>
<th>Bird</th>
<th>Flower</th>
<th>Tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tennessee</td>
<td>Mockingbird</td>
<td>Purple Iris</td>
<td>Yellow Poplar</td>
</tr>
<tr>
<td>Texas</td>
<td>Mockingbird</td>
<td>Bluebonnet</td>
<td>Pecan</td>
</tr>
<tr>
<td>Utah</td>
<td>American Seagull</td>
<td>Sego Lily</td>
<td>Blue Spruce</td>
</tr>
<tr>
<td>Vermont</td>
<td>Hermit Thrush</td>
<td>Red Clover</td>
<td>Sugar Maple</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>Robin</td>
<td>Wood Violet</td>
<td>Sugar Maple</td>
</tr>
</tbody>
</table>

Which two states have the same state bird?

A. Tennessee and Texas
B. Texas and Utah
C. Utah and Vermont
D. Vermont and Wisconsin

Which part of a book lists all of the chapters?

F. the index
G. the title page
H. the glossary
J. the table of contents
Look at the information below.

Chapter 1  Cats ........................................3
bobcats
panthers
Canadian lynx

Chapter 2  Wolves and Coyotes ........10
gray wolves
red wolves
Mexican wolves

Chapter 3  Deer ....................................14
white-tailed deer
moose
elk

Chapter 4  Bears ..................................18
grizzly bears
black bears
polar bears

What part of a book is shown above?
A  glossary
B  index
C  table of contents
D  title page
Reporting Category: 6 Informational Text
Performance Indicator: 0301.6.6 From a list of statements, locate the factual statements from the fictional ones.

82 Which statement is fiction?

F  A pet mouse can be very easy to care for.
G  There are more than forty kinds of white mice.
H  The little mouse will invite his friend to the party.
J  Your pet mouse needs sawdust or paper in which to nest.

Reporting Category: 6 Informational Text
Performance Indicator: 0301.6.7 Arrange a set of instructions in a sequential, step-by-step order.

83 Read these steps for making a cake.

1. Bake at 350 degrees for 25 minutes or until golden brown.
2. Then add the butter, milk, and eggs to the sugar and flour and stir.
3. Pour the batter into a cake pan and put in the oven.
4. Combine the sugar and flour in a large bowl.
5. First turn on the oven to heat it up.

Based on the steps shown, what is the correct order for making a cake?

A  4, 2, 1, 5, 3
B  5, 4, 3, 1, 2
C  4, 2, 3, 5, 1
D  5, 4, 2, 3, 1

Go On ➤
Look at the picture.

This picture shows a boy who

F is unhappy about where he is.
G has lost something special.
H enjoys playing outside in the fall.
J is afraid of being in the leaves.
Jarrett is watching a video called *Cheetahs in the Jungle*. While watching the video, he will be able to do all of these except

A. see what a cheetah’s home is like.
B. observe how the cheetah hunts.
C. hear what a cheetah sounds like.
D. smell the jungle where the cheetah lives.
The first day of the Tennessee State Fair was September 5, as shown on the calendar.

September

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tues</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
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<td>7</td>
<td>8</td>
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<td>28</td>
<td>29</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The fair ended on September 14. How many days did the fair last?

A  3 days
B  5 days
C  10 days
D  14 days
2 A circus started and ended at the times shown on these clocks.

How many minutes did the circus last?

- F 150 minutes
- G 130 minutes
- H 90 minutes
- J 30 minutes
Carletta bought a pen that cost $0.58 and used these coins to pay.

Which set of coins shows the amount she should receive in change?

A

B

C

D
Dahlia made a pizza for her friends. The shaded part of the picture below shows the fraction of the pizza her friends ate.

What fraction of the pizza did Dahlia's friends eat?

F  $\frac{1}{6}$

G  $\frac{1}{3}$

H  $\frac{3}{6}$

J  $\frac{3}{3}$
5 Candace had 12 strawberries. She gave 3 strawberries to Amanda.

Which number sentence could be used to find the number of strawberries Candace has left?

A $12 + 3 = \square$
B $12 - 3 = \square$
C $12 \div \square = 3$
D $\square \times 3 = 12$

6 Tanya bought 4 cups of lemonade at a fair. Each cup of lemonade cost 20 cents. Which expression could be used to find the total amount Tanya spent on lemonade, in cents?

F $20 \div 4$
G $20 \times 4$
H $20 - 4$
J $20 + 4$
7 Which statement about this cube is correct?

A. It has exactly 4 faces.
B. It has exactly 6 faces.
C. It has exactly 4 vertices.
D. It has exactly 6 vertices.
Mr. Weiss drew two shaded triangles inside a rectangle. Which picture shows the shapes Mr. Weiss drew?

F

H

G

J

Look at the picture of a crayon below.

Which measurement is most likely the length of the crayon?

A 3 feet
B 3 inches
C 3 meters
D 3 centimeters
Mrs. Manuel used a measuring tape to help her complete a job. Which job would best be completed using a measuring tape?

- F measuring the amount of water in a glass
- G measuring the temperature of a room
- H measuring the weight of a rock
- J measuring the width of a door
Mr. Howard’s geography class was divided into two teams for a quiz show. The Lions scored 150 points. The Tigers scored 40 fewer points than the Lions scored. Which graph correctly shows this information?
### Reporting Category: 2 Number and Operations
### Performance Indicator: 0306.2.1 Read and write numbers up to 10,000 in numerals and up to 1,000 in words.

**12** How is the number nine hundred fifty-two written in standard form?
- **F** 900,52
- **G** 9,502
- **H** 952
- **J** 925

### Reporting Category: 2 Number and Operations
### Performance Indicator: 0306.2.2 Identify the place value of numbers in the ten-thousands, thousands, hundreds, tens, and ones positions.

**13** Andrea wrote a number that has a 7 in the thousands place and a 3 in the ones place. Which could be the number Andrea wrote?
- **A** 23,702
- **B** 17,003
- **C** 7,131
- **D** 3,597
14 There are 39,845 students at a college. What is the place value of the 9 in 39,845?

F ones
G tens
H hundreds
J thousands

15 A hot air balloon went up 1,640 feet into the air. How is 1,640 represented in expanded form?

A $1,000 + 600 + 4$
B $1,000 + 60 + 4$
C $1,000 + 600 + 40$
D $1,000 + 60 + 40$
This table shows the number of members in three Tennessee farm clubs in the year 2007.

<table>
<thead>
<tr>
<th>Name</th>
<th>Number of Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dairy</td>
<td>6,076</td>
</tr>
<tr>
<td>Beef</td>
<td>8,428</td>
</tr>
<tr>
<td>Poultry</td>
<td>5,070</td>
</tr>
</tbody>
</table>

Based on the information in the table, which number sentence correctly compares two of these numbers?

- **F** 5,070 = 8,428
- **G** 5,070 > 8,428
- **H** 6,076 = 5,070
- **J** 6,076 > 5,070
Which model best represents the expression $10 \div 2$?
Which two numbers can be placed in the boxes to make this number sentence true?

\[ \square \times \square = 48 \]

F 4 and 8  
G 5 and 9  
H 6 and 8  
J 7 and 6

There are 80 rows of seats in a theater. There are 60 seats in each row. What is the total number of seats in these 80 rows?

A 20  
B 140  
C 2,400  
D 4,800
20 Look at the two number sentences below.

\[
8 \times \square = 40 \\
40 \div 8 = \square 
\]

Which number goes in each box to make each number sentence true?

F 5  
G 6  
H 7  
J 8

21 Mr. Barrett hit 144 golf balls on Friday. On Saturday, he hit 126 golf balls. How many golf balls did Mr. Barrett hit on Friday and Saturday together?

A 271  
B 270  
C 261  
D 260
This model is shaded to represent a fraction.

Which model is shaded to represent a fraction that is equivalent to this fraction?

- F
- G
- H
- J
Chen held different colored game pieces in his hand, as shown.

Which number represents the fraction of all the game pieces that are blue?

A $\frac{4}{8}$

B $\frac{4}{12}$

C $\frac{12}{8}$

D $\frac{12}{4}$
All of the blocks in this set are white.

Which fraction represents the number of white blocks in this set?

- F: \( \frac{0}{12} \)
- G: \( \frac{1}{12} \)
- H: \( \frac{12}{12} \)
- J: \( \frac{12}{1} \)
25 Which list shows the fractions in order from greatest to least?

A \( \frac{7}{8}, \frac{7}{10}, \frac{7}{9} \)
B \( \frac{7}{10}, \frac{7}{9}, \frac{7}{8} \)
C \( \frac{7}{9}, \frac{7}{8}, \frac{7}{10} \)
D \( \frac{7}{8}, \frac{7}{9}, \frac{7}{10} \)

26 José and Ivana shared a plate of crackers. José ate \( \frac{2}{6} \) of the crackers, and Ivana ate \( \frac{3}{6} \) of the crackers. What fraction of the total number of crackers did José and Ivana eat?

F \( \frac{1}{6} \)
G \( \frac{5}{6} \)
H \( \frac{6}{5} \)
J \( \frac{5}{12} \)
Tim picked 3 roses, 4 tulips, and 5 daisies. He used this number sentence to find the total number of flowers he picked.

\[(3 + 4) + 5 = 12\]

Which number sentence did Tim use to check his answer using the associative property?

**A** \[3 + 4 + 5 = 3 \times 4\]

**B** \[(3 + 4) + 5 = 3 + (4 + 5)\]

**C** \[3 + 4 + 5 = 3 + 5 + 4\]

**D** \[(3 + 4) + 5 = (3 + 4) + (3 + 5)\]
Jared is arranging fruit slices on a serving tray. The total number of orange slices is 12 less than the total number of pineapple slices. There are 40 pineapple slices on the serving tray. Which number sentence could be used to find the number of orange slices, $\square$, on the serving tray?

F  $\square - 40 = 12$

G  $40 + 12 = \square$

H  $\square = 40 - 12$

J  $40 = \square - 12$
Grade 3 Mathematics | Page 83

Reporting Category: 3 Algebra
Performance Indicator: 0306.3.3 Find the missing values in simple multiplication and division equations.

29 Which number should replace the \[ \square \] to make this number sentence true?

\[ \square ÷ 4 = 4 \]

A 1
B 8
C 12
D 16

Go On
30. Trevor made a pattern with geometric figures. The pattern repeated after every four geometric figures, as shown.

Which two geometric figures should be next in Trevor’s pattern?

F  
G  
H  
J  

31. Cindy drew a polygon with exactly six sides. What is the name of this polygon?

A  octagon  
B  hexagon  
C  pentagon  
D  quadrilateral
32 Which figure shows two shapes that appear to be congruent?

F  Figure 1
G  Figure 2
H  Figure 3
J  Figure 4
Which figure correctly shows a line of symmetry?
Each side of the triangle modeled below is 6 inches long.

What is the perimeter of the triangle?

F  12 inches
G  16 inches
H  18 inches
J  24 inches
Which pair is most likely to have the greatest total weight?

A) Balloon, Newspaper
B) Balloon, Watermelon
C) Math Book, Newspaper
D) Math Book, Watermelon
Use the centimeter side of your ruler to measure the paintbrush to the nearest centimeter.

Which is closest to the length of this paintbrush?

F  15 centimeters
G  14 centimeters
H  6 centimeters
J  5 centimeters
Mrs. Kendall hung curtains in her bedroom. The length of the first curtain she hung is shown below.

The second curtain was 28 inches longer than the first curtain. What is the length of the second curtain Mrs. Kendall hung?

A 3 inches
B 4 inches
C 42 inches
D 52 inches
This line plot shows the number of roses on each rosebush in Terry’s garden.

Roses in Terry’s Garden

X
X X X
X X X X X
X X X X X X
X X X X X X
X X X X X

Key

Each X represents 1 rosebush.

How many rosebushes in Terry’s garden have at least 7 roses?

F 6
G 8
H 9
J 15
The graph below shows the heights of four friends.

Which of the four friends is the tallest?

A  Alan
B  Josh
C  Correy
D  Selina
The table shows the number of fiction and non-fiction books 4 students read during the summer.

<table>
<thead>
<tr>
<th>Student</th>
<th>Number of Fiction</th>
<th>Number of Non-fiction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sam</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>Trudy</td>
<td>3</td>
<td>18</td>
</tr>
<tr>
<td>Victor</td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>Zelda</td>
<td>15</td>
<td>1</td>
</tr>
</tbody>
</table>

What is the total number of fiction and non-fiction books these 4 students read during the summer?

F  91  
G  75  
H  53  
J  38
The bar graph below shows the number of raccoons counted each year in a city park.

Based on the graph, how many raccoons will most likely be counted in Year 6?

A  85  
B  90  
C  95  
D  100
Sarah used a magnifying glass to look at the roots of a plant.

What is the main function of the roots?

A. to store food
B. to make food
C. to take in water
D. to take in soil
2 A group of students have radish and tomato seeds. They ask the following question:

Will tomato seeds grow faster if we use fertilizer?

Which experiment will best help the students answer the question?

- **F**
  - Radish Seeds
  - With Fertilizer
  - Tomato Seeds
  - Without Fertilizer

- **G**
  - Radish Seeds
  - Without Fertilizer
  - Radish Seeds
  - Without Fertilizer

- **H**
  - Tomato Seeds
  - With Fertilizer
  - Tomato Seeds
  - Without Fertilizer

- **J**
  - Radish Seeds
  - With Fertilizer
  - Tomato Seeds
  - With Fertilizer
A student placed a healthy plant outside. Five days later, the student observed that the plant looked dried and wilted.

Which basic need did the plant most likely lack?

A. air  
B. soil  
C. water  
D. sunlight
A forest food web is shown below.

Forest Food Web

Which animal eats both plants and other animals for food?

F  bear
G  cougar
H  fish
J  deer
It takes about 21 days for a chicken egg to hatch.

Which picture best represents the chicken egg on Day 17?

A

B

C

D
Reporting Category: LIFE SCIENCE 1: Cells, Flow of Matter & Energy, Heredity

Performance Indicator: 0307.4.2 Distinguish between characteristics that are transmitted from parents to offspring and those that are not.

6 A raccoon is shown below.

Which trait is passed from a parent raccoon to its offspring?

F hunting for fish
G using trees as a home
H staying warm in the winter
J having black fur around the eyes
Students have a stack of cards to organize into groups. On each card is a picture of a different object. The cards that belong to Group 1 are shown below.

Which picture card would best be placed into Group 1?

A

B

C

D
A chart with facts about four animals is shown below.

**Animal Facts**

<table>
<thead>
<tr>
<th>Animal</th>
<th>What It Eats</th>
<th>Where It Lives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Squirrel</td>
<td>Nuts, berries</td>
<td>Trees</td>
</tr>
<tr>
<td>Owl</td>
<td>Insects, rodents</td>
<td>Trees</td>
</tr>
<tr>
<td>Fox</td>
<td>Berries, rodents</td>
<td>Ground</td>
</tr>
<tr>
<td>Bear</td>
<td>Berries, fish</td>
<td>Ground</td>
</tr>
</tbody>
</table>

Which animals most likely compete for shelter?

F  Squirrel and Fox
G  Squirrel and Owl
H  Owl and Fox
J  Owl and Bear
A tadpole has gills and a tail. A picture of a tadpole is shown below.

Tadpoles live in water. The gills **best** help the tadpole survive in water by

A. helping the tadpole stay warm.
B. helping the tadpole find prey.
C. helping the tadpole get oxygen.
D. helping the tadpole escape predators.
A graph showing the population of four animals is shown below.

**How Many Are Alive Today**

<table>
<thead>
<tr>
<th>Type of Animals</th>
<th>Number of Animals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Whale</td>
<td>4,000</td>
</tr>
<tr>
<td>Florida Panther</td>
<td>100</td>
</tr>
<tr>
<td>Giant Panda</td>
<td>100</td>
</tr>
<tr>
<td>Woolly Mammoth</td>
<td>0</td>
</tr>
</tbody>
</table>

Which animal is extinct?

F  Blue Whale
G  Florida Panther
H  Giant Panda
J  Woolly Mammoth
A type of clam called a leaf shell has not been found alive in over 75 years. This clam is best described as 

A  threatened. 
B  protected. 
C  thriving. 
D  extinct.
A crocodile is shown below.

Which fossil is the best evidence that crocodiles lived long ago?

F  

H  

G  

J
Which object is most likely a moon?

A  Object 1  
B  Object 2  
C  Object 3  
D  Object 4  

Go On ▶
14 Early scientists discovered how to make magnifying lenses like the one shown below. They used them to make things look bigger. Which of these tools was developed from these early magnifying lenses?

F  telescope  
G  television  
H  window glass  
J  computer mouse
The diagram shows a large, flat area that is higher than the land around it.

What landform is shown in the diagram?

A  a plateau
B  a canyon
C  a plain
D  a valley
Students sorted rocks into two groups.

Group 1

Group 2

Which rock would best fit into Group 2?

F

H

G

J

Performance Indicator: 0307.7.3 Identify an object as natural or man-made.

17 Which of these is a natural object?

A  a fossil in a rock
B  a picture of a fossil
C  a clay model of a fossil
D  a plaster mold of a fossil
A diagram of a terrarium is shown below.

Which object used for the terrarium is man-made?

F  Glass
G  Rock
H  Frog
J  Plant
A classroom scene is shown below.

Which activity is an example of recycling?

A  using chalk to write on the board  
B  using a trash can to throw trash away  
C  using a shoebox to plant seeds  
D  using scissors to cut paper  

Go On
A student builds a model of a weather tool.

Which weather condition does this tool best measure?

- **F** rainfall
- **G** air pressure
- **H** wind speed
- **J** temperature
Long ago, scientists could not predict hurricanes. Which tool is best used to help scientists warn people that a hurricane is coming?

A. Thermometer
B. Weather Satellite
C. Windsock
D. Rain Gauge

Go On
Different types of clouds are used to predict weather.

### Types of Clouds

<table>
<thead>
<tr>
<th>Picture</th>
<th>Description</th>
<th>Weather</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="cirrus.png" alt="Cirrus" /></td>
<td>Thin and wispy, high in the sky</td>
<td>No rain, fair weather</td>
</tr>
<tr>
<td><img src="cumulus.png" alt="Cumulus" /></td>
<td>Large and puffy, have a flat bottom, low in the sky</td>
<td>No rain</td>
</tr>
<tr>
<td><img src="cumulonimbus.png" alt="Cumulonimbus" /></td>
<td>Tall and wide, dark bottoms, low in the sky</td>
<td>Heavy rain, thunder and lightning</td>
</tr>
<tr>
<td><img src="stratus.png" alt="Stratus" /></td>
<td>Dark and gray, cover entire sky, low in the sky</td>
<td>Light to medium rain</td>
</tr>
</tbody>
</table>

What type of cloud is **most likely** seen in the sky during a thunderstorm?

- **F** Cirrus
- **G** Cumulus
- **H** Cumulonimbus
- **J** Stratus
23 A picture of a person with a handful of rocks is shown below.

Which pair of words best describes these rocks?

A rough and flat
B smooth and oval
C rough and round
D smooth and layered

Go On
Small pieces of wood were mixed into a box of sand. Which of these would **best** separate the mixture?

- **F** Screen
- **H** Spoon
- **G** Rake
- **J** Magnet
25 A picture of a beach is shown below.

Which is the source of the greatest heat energy?

A the sun shining  
B the seagulls flying  
C the person reading  
D the beach ball bouncing
A group of students wanted to see how fast snow would melt in different kinds of cups. The students put 10 grams of snow into four cups. The students then made a chart that showed how long it took the snow to melt in each cup.

<table>
<thead>
<tr>
<th>Kind of Cup</th>
<th>Total Time for Snow to Melt (minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper Cup</td>
<td>6</td>
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<tr>
<td>Metal Cup</td>
<td>5</td>
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<tr>
<td>Plastic Cup</td>
<td>7</td>
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<tr>
<td>Wooden Cup</td>
<td>9</td>
</tr>
</tbody>
</table>

Which cup was the best conductor of heat?

- **F** Paper Cup
- **G** Metal Cup
- **H** Plastic Cup
- **J** Wooden Cup
Tetherball is a game with a ball on a rope. The rope is tied to a pole. The ball is hit between two players.

How does the direction of the ball change when the girl hits the ball to the boy?

A

B

C

D

Go On
Two students sit on opposite ends of a balanced seesaw.

What will happen if the student on the right side gets off the seesaw?

F  The seesaw will stay balanced.
G  The left side of the seesaw will drop to the ground.
H  The left side of the seesaw will go up in the air.
J  Both ends of the seesaw will drop to the ground.
Students were listening to musicians play different instruments. Each student was asked to write about the differences in pitches that were heard.

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Pitch</th>
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</thead>
<tbody>
<tr>
<td>Piccolo</td>
<td></td>
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<tr>
<td>Tuba</td>
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<tr>
<td>Violin</td>
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<td>Bass</td>
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</tbody>
</table>

Which words would best describe pitch?

A  soft and loud
B  high and low
C  heavy and light
D  strong and weak

Go On
30 Which word means that sound can get louder or quieter?

F pitch
G range
H volume
J vibrations

31 A guitar can make sounds when someone strums the strings.

Which of these will cause the sound from the guitar to increase in volume?

A strumming strings for a longer time
B strumming strings harder
C strumming strings faster
D strumming shorter strings
What can a teacher best demonstrate using a bar magnet and a pile of iron filings?

- **F** The poles of a magnet can change direction.
- **G** All metals have magnetic properties.
- **H** Magnetic forces are stronger than electrical forces.
- **J** A magnet can move another object without touching it.

The names of objects were written on two lists.

<table>
<thead>
<tr>
<th>List 1</th>
<th>List 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spoon</td>
<td>Sponge</td>
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<tr>
<td>Nail</td>
<td>Napkin</td>
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<tr>
<td>Paper Clip</td>
<td>Paper</td>
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<td>Scissors</td>
<td>Cork</td>
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<tr>
<td>Metal Can</td>
<td>Rubber Band</td>
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</tbody>
</table>

The objects were placed on each list because the objects on List 1

- **A** are lighter than the objects on List 2.
- **B** are smaller than the objects on List 2.
- **C** are magnetic, and the objects on List 2 are not magnetic.
- **D** are made of metal, and the objects on List 2 are made of plastic.
Reporting Category: 1 Economics
Performance Indicator: 3.2.1 Distinguish the differences between a natural resource and finished product.

Which of these objects is a finished product?

A computer
B horse
C flower
D mountain
On the map above, which state had the most land used to grow rice?

- **F** California
- **G** Texas
- **H** Louisiana
- **J** Arkansas
Gina wrote a school report about five goods produced in India and sold to other countries.

What is the best title for Gina’s report?

A  Jobs in India
B  Exports of India
C  Consumers in India
D  Items Brought to India
Which picture shows a producer?

F

H

G

J
Which of these sentences gives an example of barter?

A  Aaron gave Reggie $2.00 for a popular baseball card.
B  Mrs. Adama’s students bought popcorn from a store.
C  Jen helped Roland study for math, and he cleaned her birdcage.
D  Lataya promised to pay 50¢ for Sergei’s candy bar.
6. Which picture shows a want?

- **F**
- **H**
- **G**
- **J**

Go On ▶
Reporting Category: Governance and Civics
Performance Indicator: 3.4.1 Select from a set of visual representations a service provided by the government (i.e., parks, schools, and libraries).

Which child is enjoying a service provided by the government?

A. Kendra
B. Joel
C. Ann
D. Tre

Reporting Category: Governance and Civics
Performance Indicator: 3.4.2 Determine the representative acts of a good citizen (i.e., obeying speed limit, not littering, walking within the crosswalk).

Which of these behaviors is the action of a good citizen?

F. joining a library club
G. throwing away litter
H. shopping for a new car
J. making a cake
Reporting Category: 2 Governance and Civics
Performance Indicator: 3.6.2 Distinguish between conflict and cooperation within group interactions as represented by pictures.

9 Which picture shows cooperation?

A

B

C

D
Reporting Category: 3 Human Geography

Performance Indicator: 3.1.1 Recognize some of the major components of a culture (i.e., language, clothing, food, art, and music).

10 Which of these words tells the most about culture?

F  sleep
G  water
H  states
J  languages

11 Which word best completes the title of the list above?

A  Economy
B  Culture
C  Geography
D  Government
Frontier settlers lived in log cabins because the cabins

- **F** had many rooms.
- **G** were fireproof.
- **H** were easy to move.
- **J** used natural materials.
Look at the graph and choose the sentence that is true.

A  More people lived on farms.
B  Most immigrants lived in cities.
C  Cities were crowded.
D  Farms were large.
Reporting Category: 3 Human Geography
Performance Indicator: 3.1.4 Interpret a chart or map identifying major cultural groups of the world.

Some Religions of the World

<table>
<thead>
<tr>
<th>Religion</th>
<th>Countries with the Most Followers</th>
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<tbody>
<tr>
<td>Christianity</td>
<td>United States, Brazil, Mexico</td>
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<tr>
<td>Islam</td>
<td>Indonesia, Pakistan, Turkey</td>
</tr>
<tr>
<td>Hinduism</td>
<td>India, Nepal, Sri Lanka</td>
</tr>
<tr>
<td>Buddhism</td>
<td>China, Japan, Vietnam</td>
</tr>
</tbody>
</table>

According to the table, people from Vietnam would most likely be followers of

F  Christianity.
G  Islam.
H  Hinduism.
J  Buddhism.
Which action **most** protects the air we breathe?

A. building brick houses
B. making better highways
C. inventing clean engines for cars
D. working in heated buildings
Reporting Category: 4 Physical Geography

Performance Indicator: 3.3.1 Identify the major physical components of the world (i.e., oceans, equator, continents, and hemispheres).

16 Which physical component of the world is marked with an X?

F equator
G ocean
H island
J continent
Mr. Mack drew a simple map of the farm he owns.

What is located directly north of Mr. Mack’s house?

A  Tree 
B  Flower garden 
C  Barn 
D  Swing set
In which direction would a person walk from the library to the park?

- F north
- G south
- H east
- J west
Reporting Category: 4 Physical Geography

Performance Indicator: 3.3.4 Use absolute and relative locations to identify places on a map (i.e., north, south, east, west, borders, lines of longitude and latitude, the equator, the north and south poles).

The World

19 Which continent is completely south of the equator?

A Asia
B Africa
C Europe
D Australia
Which word identifies a natural system of Earth?

F  schools
G  government
H  landforms
J  money
Laura ate lunch at the picnic area near the fishing pond. After lunch she walked west along the river and then south across the bridge. Where is Laura now?

A at the Visitor’s center  
B at the Fishing pond  
C at the Parking area  
D at the Picnic bench
Which phrase best tells about the darker-shaded areas on the map above?

- **F** hot and dry
- **G** cold and wet
- **H** warm and wet
- **J** cool and dry
Which region is usually hot, very dry, and has few trees?

- **A** rain forest
- **B** desert
- **C** grassland
- **D** arctic
Reporting Category: 4 Physical Geography
Performance Indicator: 3.3.9 Recognize the identifying characteristics of certain geographic features (i.e., peninsula, islands, continents, mountains, rivers, deserts, oceans, and forests).

?  

Pointed, rugged peaks  Highest point on the land

24 Which title best completes the diagram above?
   F Peninsula
   G Island
   H Mountain
   J Desert

Reporting Category: 5 History
Performance Indicator: 3.5.1 Label historical events as past, present and future.

25 Which sentence tells about a future event?
   A George Washington is on the dollar bill.
   B The president will give a speech next week.
   C France gave the Statue of Liberty to the United States.
   D Thomas Jefferson was the third president of the United States.
Early History of America

1492
Columbus sails to the Americas

? 

1776
Colonies declare independence

1812
United States goes to war with Great Britain

26 Which event completes the timeline?

F 1513—Balboa reaches the Pacific
G 1620—Plymouth Colony is settled
H 1788—George Washington is elected president
J 1819—Florida joins the United States
When President Kennedy spoke the words above, he wanted citizens to do which action?

A  go shopping  
B  play sports  
C  watch movies  
D  help others
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# Social Studies Answer Key

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Tennessee Comprehensive Assessment Program
Achievement Test ~ Grade 3
Item Sampler