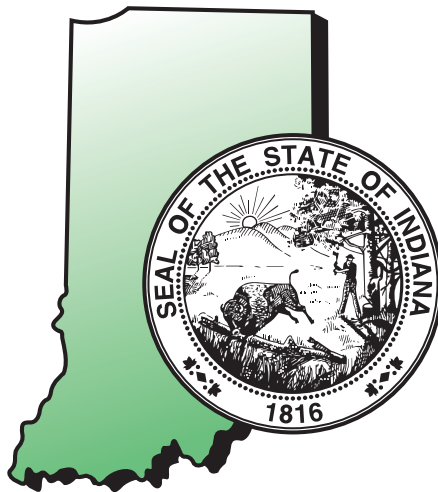


# ***ISTEP+***

Indiana Statewide Testing for Educational Progress-Plus

# Part 1 Practice Test Grade 5

Mathematics • English/Language Arts • Social Studies



Student Name: \_\_\_\_\_

Use only a Number 2 pencil to respond to the questions in this book. Responses written in pen CANNOT be scored.

**PEARSON**

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## SECTION

## 1

## Mathematics

**NOTE:** A correct answer **CANNOT** receive full credit if no work is shown.

Since you may receive partial credit for all problems in this test, it is important to show ALL work in the spaces provided in this book. When you see the words **Show All Work**, be sure to

- **show all the steps needed to solve the problem**
- **make your handwriting clear and easy to read**
- **write the answer on the answer line**

**As you complete each problem, remember to**

- READ** the problem carefully
- PLAN** how to solve the problem
- SOLVE** the problem showing all steps
- CHECK** your work

**STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_



**STOP**

## Section 1: Mathematics

1. Tommy caught five fish today.

The weights of the fish are  $1\frac{3}{4}$ ,  $3\frac{1}{2}$ ,  $1\frac{1}{4}$ ,  $2\frac{1}{2}$ , and  $2\frac{3}{4}$  pounds.

### Part A

What is the total weight, in pounds, of the fish Tommy caught today?

**Show All Work**

**Answer** \_\_\_\_\_ pounds

### Part B

The state law agency only allows 10 pounds of fish to be caught and kept each day. Tommy must return one fish to the lake.

Which fish should Tommy return to stay closest to 10 pounds? Use words, numbers, and/or symbols to show how you found your answer.

**Answer** \_\_\_\_\_

**GO ON** 

## Section 1: Mathematics

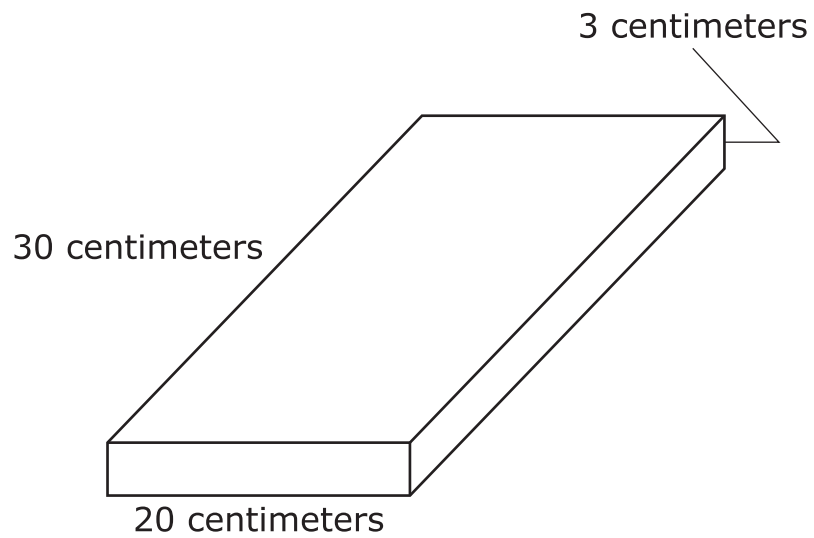
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**GO ON TO NEXT PAGE**

**GO ON** 

## Section 1: Mathematics

2. Adam bakes a rectangular-shaped cake, as shown in the diagram.



### Part A

What is the volume, in cubic centimeters, of the cake?

**Show All Work**

**Answer** \_\_\_\_\_ cubic centimeters

**GO ON** 

## Section 1: Mathematics

### Part B

Adam cuts the cake into equal-sized pieces. Each piece has a length of 5 centimeters, a width of 5 centimeters, and a height of 3 centimeters.

How many pieces of cake does Adam have?

### Show All Work

**Answer** \_\_\_\_\_ pieces of cake

### Part C

Adam bakes another cake the same size as the first, but he cuts this cake into 40 equal-sized pieces. The height of each piece is 3 centimeters.

Explain how you can determine the possible length and width of each piece of the second cake. Use words, numbers, and/or symbols to justify your answer.

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**STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_



**ATTENTION!**  
**Do NOT go on**  
**until you are**  
**told to do so.**





**SECTION**

**1**

**English/Language Arts**

In this section you will read a passage, then complete writing activities about what you have read. You may look back at the passage as often as you like.

**STOP! ——— STOP! ——— STOP! ——— STOP! ———**



## Section 1: English/Language Arts

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### Directions

Read the article “For All the Marbles.” Then answer the questions.

### For All the Marbles

by Sean McCollum

- 1 Andrew Martinez kneels down as he nears the end of his quest. His agate<sup>1</sup> shooter is jammed between his index finger and the tough-as-leather callous on his thumb. His head bobs as he lines up the shot, his eyes locking on the target six feet away. The crowd falls quiet. This is for all the marbles. Flick! The shot flies out of his hand . . .
- 2 Andrew shares characteristics of the gunslingers from the Old West. The Colorado teen has unbreakable concentration, nerves of steel, dead-eye aim. (He even has something more: a loving mother reminding him to practice.) Over the past four years, he has honed<sup>2</sup> these talents, chasing the title of United States marbles king. And in June 2000 he traveled to Wildwood, New Jersey, for one last shot at walking out with the tallest trophy in the 14-and-under national championships.

#### What It Takes

- 3 Andrew’s quest began in Palisade, a small town in western Colorado. His fifth-grade teacher Leah Lee, Andrew, and some of his classmates formed a marbles club. Andrew won the local tourney and qualified as the first Coloradan to compete at the national tournament.
- 4 “I came in 16th out of 30,” says Andrew, who did win the sportsmanship award that year. “After that I realized what it would take to win at that level: dedication. Practice is everything.”
- 5 He returned home and created a marble ring on the concrete floor of the family garage. He coated the surface with gray paint to simulate the ring in

<sup>1</sup>agate—a type of mineral with colored bands

<sup>2</sup>honed—sharpened

**GO ON** 

## Section 1: English/Language Arts

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New Jersey. And then he went to work, with Ms. Lee as his coach.

- 6 He practiced every kind of shot: the break shots that start the game, long distance shots, and the short shots that seem like sure things but are the difference between winning and losing. He perfected the backspin on his shooter so that the shooter would knock the target marble from the ring and then “stick”—come to a dead stop so he could shoot again.
- 7 As he practiced, the skin on Andrew’s shooting thumb split and bled, then became tough. His knees ached from the constant kneeling. As the 1998 tournament approached, he practiced four hours a day.
- 8 “That was the hardest part,” he says, “getting into the habit of practice. My mom definitely helped, too, reminding me to keep at it.”
- 9 He finished sixth at nationals that year. His determination grew. Now he started practicing a different part of the game—the mental part.
- 10 “Some players are really good, but when the pressure’s on, they have problems. You’ve really got to psych yourself up.”
- 11 It worked. In 1999, his climb continued. He finished second.

### **Last Shot**

- 12 When Andrew flew to New Jersey for the 2000 nationals, it was his last chance to compete in the 14-and-under tournament. Besides the pressure to play, he led the singing of the national anthem to open the tournament. “I was most nervous about that,” he says. Then his march toward the championship match began.
- 13 In the end, Andrew faced Ralph Dillon, a good friend from West Virginia, for the championship. “We had to set our friendship aside for a while,” he says. The match went back and forth as each boy tried to be the first to win eight out of 15 games.
- 14 Finally, Andrew faced that six-foot shot. Flick! Clack! The blue marble shot out of the circle. It had taken four years and thousands of hours of practice, but Andrew Martinez was the last man kneeling. Ralph jumped up and gave him a huge hug . . . then joined the other players in the tradition of tossing the champ into a swimming pool.

## Section 1: English/Language Arts

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### Using His Marbles

- 15 Andrew won that tall trophy he'd sought plus a \$2,000 college scholarship. He was on TV and in every major Colorado newspaper.
- 16 His city declared "Andrew Martinez Day" and he had to give a speech. In it, he summed up the larger lessons he had learned during his four-year quest:
- 17 "When I look back at my life when marbles first started for me, I was just a little kid who had no goals for my life. Then when marbles came along, it was like a blueprint for life. I set goals and always had something to work for."
- 18 It's clear that Andrew Martinez knows how to use his marbles.

"For All the Marbles" by Sean McCollum from Boys' Life Magazine's May 2002 issue, text copyright © 2002 by Sean McCollum. Reproduced by permission of the author and Boys' Life, published by the Boy Scouts of America.

- 1.** Which TWO parts of Andrew's hobby are MOST challenging? Support your answer with details from the article.

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**STOP!**  **STOP!**  **STOP!**  **STOP!** 



**ATTENTION!**  
**Do NOT go on**  
**until you are**  
**told to do so.**



**ATTENTION!**  
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**told to do so.**



SECTION

2a

English/Language Arts

In this section you will read a passage, then answer questions about what you have read. You may look back at the passage as often as you like.

**STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_



## Section 2a: English/Language Arts

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### Directions

Read the excerpt “Brick” from *All the Way Home*. Then answer the questions.

### “Brick” from *All the Way Home*

by Patricia Reilly Giff

Brick Tiernan is walking home while a storm is coming. As Brick approaches his neighbor Claude’s apple orchard, lightning streaks across the sky.

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- 1 But the smell of electricity stung the inside of his nose. He walked faster, glad he had just a few minutes more to reach home. Supper would be on the table: beans, sweet with molasses and chunks of pork, soft and meaty on his tongue, the ball game on the radio, playing Michigan with Mom and Pop afterward.
- 2 The sky exploded with light. The boom of thunder that followed was so fierce the road shook. It seemed to go on forever, a huge angry rumbling that filled his ears. Another bolt of lightning and in front of him, a tree blew apart. Great hunks of it crashed onto the ground beneath, and branches flew over his head, almost weightless. He dropped the bat and took a step backward and then another.
- 3 A smudge of gray came up over Claude’s orchard, quickly turning to black, a rolling greasy cloud high above him. The next streak of lightning lit up the woods; every tree stood out sharp and clear. Bits of dried grass burst into flame, and the flame jumped a foot, reaching out to him.
- 4 He began to run. The fire ran with him, taking a twisted path closer, then farther away, then zigzagging back toward him again.
- 5 Noise crackled overhead, and he thought of Claude’s apple trees, and then their own, the young trees his family was counting on to change their luck.
- 6 It was hard to keep going with almost no air, almost no breath. “One more hill,” he whispered to spur himself on. “A small hill, just have to get myself

**GO ON** 



## Section 2a: English/Language Arts

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past Claude's."

- 7 Claude was at the edge of his orchard, one hand over his head against the flying bits of flame and dust, the other dragging a hose that was too big, too heavy for one old man alone. He was trying to wet down the trees as the leaves curled up and turned gray and apples popped off the branches; at the same time, he shouted something at the sky, or at the fire, or even at the trees.
- 8 Brick hesitated for the barest moment. The air was smoky and smelled like the apples Mom baked. He remembered the day he and Pop had planted their own apple trees, Pop grinning, his face dripping with perspiration. *"In a few years we'll have our own harvest. No more moving around." He threw out his hand. "Just like Mom says. Forever."*
- 9 But Claude could never save his trees alone. Claude's wife, Julia, ran outside, wrapping a towel around her head. And then Brick was in back of Claude, lifting the hose to snake around the trees, as Julia covered his head with a wet cloth that seemed to dry almost immediately.
- 10 He pulled the hose until he could hardly lift his arms. He knew Claude was tired, too; he could see his large hands on the nozzle, red and raw. Brick's eyes stung from the smoke, his throat burned, his mouth so dry there was nothing left to swallow.
- 11 It seemed to go on forever, the fire, the pulling, Claude in front of him, Julia in back. But at last he looked over his shoulder to see the fire veering away from them, strangely jumping the river, and the sound of the bells clanging in town and the fire trucks coming.
- 12 Finally the rain began to fall. He could feel it on the cloth over his head and his hair, running down his nose and cheeks, cool on his upturned face.
- 13 Nothing ever felt as good as that water, bathing him and the bark of the trees and the leaves, bathing Claude in his straw hat and Julia in her towel, washing the heat away from the orchard.

Chapter 2: Brick from ALL THE WAY HOME by Patricia Reilly Giff, copyright © 2001 by Patricia Reilly Giff. Used by permission of Random House Children's Books, a division of Penguin Random House LLC. All rights reserved.

## Section 2a: English/Language Arts

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1. Which sentence from the excerpt BEST shows that Brick is worried about his family's orchard?
- Ⓐ "He walked faster, glad he had just a few minutes more to reach home."
  - Ⓑ "A smudge of gray came up over Claude's orchard, quickly turning to black, a rolling greasy cloud high above him."
  - Ⓒ "Noise crackled overhead, and he thought of Claude's apple trees, and then their own, the young trees his family was counting on to change their luck."
  - Ⓓ "The air was smoky and smelled like the apples Mom baked."
2. Which phrase in Paragraph 11 helps the reader understand the meaning of *veering* as it is used in the paragraph?
- Ⓐ "looked over"
  - Ⓑ "away from them"
  - Ⓒ "strangely jumping"
  - Ⓓ "sound of the bells"

**STOP!** ——— **STOP!** ——— **STOP!** ——— **STOP!** ———



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**told to do so.**



**ATTENTION!**  
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## SECTION

## 2b

## English/Language Arts

In this section you will read a writing prompt and complete a writing activity based on the passage you read in Section 2a. While you complete the writing activity, you may look back at the passage as often as you like.

Your writing will not be scored on your personal opinions or choices, but will be scored objectively on

- how clearly you address the prompt
- how well you organize your ideas
- how effectively you express yourself
- how consistently you use correct paragraphing, grammar, spelling, and punctuation

Be sure to use the rules of Standard English. Standard English is the English commonly used in formal writing. It does not include slang or jargon.

**NOTE:** Only your writing on the lined pages in this book will be scored.

STOP! ——— STOP! ——— STOP! ——— STOP! ———

STOP

## Section 2b: English/Language Arts

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### Directions

Read the excerpt “Brick” from *All the Way Home*. Then answer the questions.

### “Brick” from *All the Way Home*

by Patricia Reilly Giff

Brick Tiernan is walking home while a storm is coming. As Brick approaches his neighbor Claude’s apple orchard, lightning streaks across the sky.

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- 1 But the smell of electricity stung the inside of his nose. He walked faster, glad he had just a few minutes more to reach home. Supper would be on the table: beans, sweet with molasses and chunks of pork, soft and meaty on his tongue, the ball game on the radio, playing Michigan with Mom and Pop afterward.
- 2 The sky exploded with light. The boom of thunder that followed was so fierce the road shook. It seemed to go on forever, a huge angry rumbling that filled his ears. Another bolt of lightning and in front of him, a tree blew apart. Great hunks of it crashed onto the ground beneath, and branches flew over his head, almost weightless. He dropped the bat and took a step backward and then another.
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- 6 It was hard to keep going with almost no air, almost no breath. “One more hill,” he whispered to spur himself on. “A small hill, just have to get myself

**GO ON** 

## Section 2b: English/Language Arts

past Claude's."

- 7 Claude was at the edge of his orchard, one hand over his head against the flying bits of flame and dust, the other dragging a hose that was too big, too heavy for one old man alone. He was trying to wet down the trees as the leaves curled up and turned gray and apples popped off the branches; at the same time, he shouted something at the sky, or at the fire, or even at the trees.
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- 13 Nothing ever felt as good as that water, bathing him and the bark of the trees and the leaves, bathing Claude in his straw hat and Julia in her towel, washing the heat away from the orchard.

Chapter 2: Brick from ALL THE WAY HOME by Patricia Reilly Giff, copyright © 2001 by Patricia Reilly Giff. Used by permission of Random House Children's Books, a division of Penguin Random House LLC. All rights reserved.

## Section 2b: English/Language Arts

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3. In the excerpt, you read about how Brick assists his neighbor Claude. Think about Brick's motivation for helping Claude put out the fire. Write an essay about how Brick's thoughts and actions support the idea that he is a caring person. Use details from the excerpt in your essay.

Be sure to include

- details about Brick's character traits
- an explanation of how Brick's traits demonstrate that he is kind
- an introduction, a body, and a conclusion to your essay

**Use the following Prewriting/Planning page to help you plan your writing. Then write your final draft on the lined pages.**

GO ON 



## Section 2b: English/Language Arts

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Use the blank Prewriting/Planning space below for notes, lists, webs, outlines, or anything else that might help you plan your writing. If you need additional paper for planning, raise your hand and your teacher will give you more paper. **You must write your final draft on the lines beginning at the top of the next page.**

### Prewriting/Planning

GO ON 

## Section 2b: English/Language Arts

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Use the Editing Checklist at the end of this section. Check your essay for correct grammar, spelling, punctuation, and capitalization. **Remember, your essay should be well organized.**

A large rectangular box containing 25 horizontal lines for writing an essay.

**GO ON** 

## Section 2b: English/Language Arts

A large rectangular box containing 25 horizontal lines for writing.

**GO ON** 

## Section 2b: English/Language Arts

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A large rectangular box containing 25 horizontal lines for writing.

**GO ON** 

## Section 2b: English/Language Arts

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Now check your writing using this Editing Checklist.

### Editing Checklist

- 1 Check your capitalization and punctuation.
- 2 Spell all words correctly.
- 3 Check for sentence fragments or run-on sentences.
- 4 Keep verb tense consistent.
- 5 Use words according to the rules of Standard English.
- 6 Remember to paragraph correctly.

**STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_ **STOP!** \_\_\_\_\_



**STOP**

**ATTENTION!**  
**Do NOT go on**  
**until you are**  
**told to do so.**



**SECTION**

**1**

**Social Studies**

In this section, you will read the questions and then write your answers to the questions on the lines provided.

**STOP! ——— STOP! ——— STOP! ——— STOP! ———**



## Section 1: Social Studies

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- 1.** Read this information.

Isaac often goes grocery shopping with his grandmother. During their most recent trip to the grocery store, Isaac's grandmother mentions that the price of apples is much higher this year than it was one year ago.

Give TWO different reasons the price of apples might have increased in the past year.

1) \_\_\_\_\_

\_\_\_\_\_

2) \_\_\_\_\_

\_\_\_\_\_

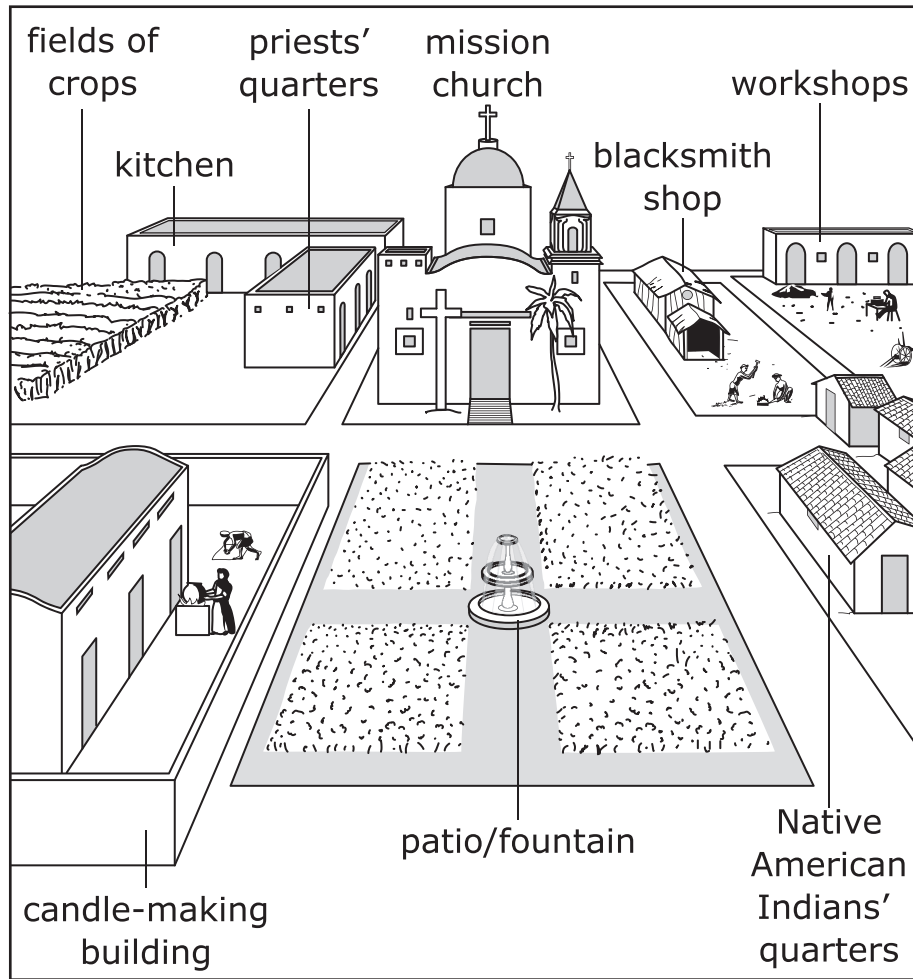
**GO ON** 



## Section 1: Social Studies

2. Look at the drawing below.

### A Spanish Mission



## Section 1: Social Studies

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Using information from the drawing and what you have learned, describe TWO conclusions that can be made about life on Spanish missions in North America.

1) \_\_\_\_\_  
\_\_\_\_\_

2) \_\_\_\_\_  
\_\_\_\_\_

Give TWO similarities between life on a Spanish mission and life on a southern plantation.

1) \_\_\_\_\_  
\_\_\_\_\_

2) \_\_\_\_\_  
\_\_\_\_\_

**STOP!** - - - - **STOP!** - - - - **STOP!** - - - - **STOP!** - - - -



**ATTENTION!**  
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# ISTEP+

Indiana Statewide Testing for Educational Progress-Plus



## Part 1 Practice Test

Mathematics • English/Language Arts • Social Studies

### Grade 5

**PEARSON**

**IN00000355**