

Name _____ Date _____

How Much Money?

You have been asked by your school principal to help count the money at your school store. Your job is to determine how many pennies (\$0.01), nickels (\$0.05), dimes (\$0.10), and quarters (\$0.25) you have at the end of the day.



Complete the chart below and determine the maximum number of each type of coin that could be found in the final daily school store balance.

Final Daily Balance	# of Pennies (\$0.01)	# of nickels (\$0.05)	# of dimes (\$0.10)	# of quarters (\$0.25)
<i>Example \$34.50</i>	3450	690	345	138
Day 1 -- \$21.00				
Day 2 -- \$35.50				
Day 3 -- \$69.00				
Day 4 -- \$121.00				
Day 5 -- \$234.50				

Reading Passage

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A Juicy Problem

Gareth Stevens / Gregg Andersen

Thanks to the orange bill, the orange

is now officially Florida's state fruit. Oregon has the pear. Georgia has the peach. West Virginia has the Golden Delicious apple. Now, thanks to Janet Shapiro's fourth grade class, Florida finally has its own official state fruit—the orange.

Shapiro's class took on the task of persuading state lawmakers to name the orange Florida's state fruit. The class saw the fruits of their labor in spring 2005. That's when Gov. Jeb Bush signed the orange bill into law. For Shapiro's students, the act of naming the orange Florida's official fruit was obvious. Florida loves its oranges. The state has orange trees, orange juice, and even the Orange Bowl (a college football game). "We were completely surprised that the orange wasn't the state fruit of Florida," Shapiro, a teacher at Southside Elementary School in Sarasota, Florida, told Senior Edition Shapiro's social studies class wrote letters to Florida state Rep. Donna Clarke. Clarke, who thought the idea was sweet, introduced the students' idea as a proposed ¹law. That was only the first step. Shapiro's class got an up-close look at how the legislative ² process works. They had to persuade other lawmakers to support the proposal. To that end, students conducted a campaign to collect 800 signatures on a petition³. They even wrote a song about the fruit. "Vote Orange!" they sang. Shapiro says waiting was the hardest part. The bill had to go through many legislative committees. But in the end, it was worth all the trouble. "We made history," Kia Gentile, 11, told Senior Edition. "It was awesome."

¹

proposed:

put forward for consideration

²

legislative:

lawmaking

3

petition:

an official written request

Name:

Date:

“A Juicy Problem” Questions

1. The title uses the word “juicy” figuratively to mean
 - a. cold and wonderful.
 - b. tasty and delightful.
 - c. powerful and absorbing.
 - d. fruity and sticky.

2. The fourth grade class probably found it surprising that the orange was not already the Florida state fruit because
 - a. the famous football game in Florida is called the Orange Bowl.
 - b. Florida grows so many oranges.
 - c. ads often feature “Florida orange juice.”
 - d. all of the above.

3. The pun “the fruits of their labor” refers both to oranges and to
 - a. results.
 - b. troubles.
 - c. efforts.
 - d. aims.

4. “To that end” means
 - a. toward the furthest place.
 - b. to achieve that result.
 - c. don’t go the other way.
 - d. none of the above.

5. How do we know it takes more than one person to make a law?

1

3, 2, 1... Blast Off!

NASA

Now you can take a trip to Mars without ever leaving Earth. A kid reporter journeyed to Mars aboard Disney's space ride. Find out how lose her ride was to the real thing.

Weekly Readerkid reporter Sonia Mia Diaz blasted into space. This 10 _year-old from Florida was on a journey to Mars.

Sonia Mia rocketed to Mars aboard a ride called Mission: SPACE. She experienced the ride during its opening week at Walt Disney World's Epcot Center in Orlando, Florida. After her mission, Sonia Mia interviewed Sue Bryan, one of the ride's creators. Sonia Mia learned that Disney worked closely with the National Aeronautics and Space Administration (NASA) to develop the space attraction. The ride lets people experience what a trip to Mars might be like in the future.

A Space Adventure

On her journey, Sonia Mia never actually left the ground. The ride gives people the feeling of blasting off and traveling through space. "We really wanted people to feel as lose as they could to what it's like to be an astronaut," said Bryan. © 2012

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Sonia Mia read quotes about space exploration as she waited in line. Information about space history fills the attraction. There is even a moon car called a lunar rover on loan from a museum.

An Intense Liftoff

Before boarding the shuttle, Sonia Mia and three other riders were given different roles for the mission. Those roles included commander, pilot, navigator, and engineer. Sonia Mia was assigned to be the engineer. In real life, Sally Ride, the first U.S. woman in space, performed the same role. After Sonia Mia strapped herself in, the shuttle moved into launch position. The countdown began, and the

shuttle blasted off! During the mission, Sonia Mia and her team used buttons and joysticks to perform the tasks associated with their roles. The ride lasted about 4 minutes. The mission was as intense as Sonia Mia had hoped. What was her favorite part? The liftoff! "I liked the intensity of the blastoff and the air pressure on my face," she said.

A Realistic Ride?

So how did the ride live up to a real space shuttle mission? Weekly Reader

caught up with NASA astronaut Winston Scott to ask him that question.

Scott launched into space on two shuttle flights. He tested out Mission:

SPACE and

gave it a big thumbs up. "It's a thrill a minute," he said.

Although no astronauts have been to Mars yet, Scott said the ride's liftoff

was realistic. The feeling of moving up the launch pad and being forced back

into your seat were similar to those felt on a shuttle.

However, he points out, there are differences. In an actual launch, astronauts feel about three times the force of gravity

. Gravity is the force

that pulls things toward Earth.

The blastoff on the ride was also shorter than an actual liftoff.

And, he said,

riders don't experience weightlessness. On a real space shuttle, astronauts

become weightless because there is no gravity.

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For many people, the ride brings to mind the courage of space explorers. As

Sonia Mia pointed out, "Going on the ride made me think about how brave astronauts are."

Interview With an Imagineer

Sonia Mia Diaz interviewed Sue Bryan, one of the forces behind Mission:

SPACE. Here's what Sonia Mia learned.

Sonia Mia:

What is an Imagineer?

Sue Bryan:

Imagineers are people who work for Disney.

In general, Imagineering is about storytelling. We build attractions that put

people who visit our parks into different worlds and stories. We also use

technology to tell stories.

Sonia Mia:

What was your role in creating the ride?

Bryan:

I'm the senior show producer, which is like being a movie director. A movie director guides people and directs the show, including the lighting,

music, artists, and motion you experience on the ride.

Sonia Mia:

Where did your team get the inspiration for Mission: SPACE?

Bryan:

People have always had an interest in space. The time and technology were right to create this new space attraction. We worked closely

with NASA to develop the science and technology behind the attraction. No

one has ever put people into a ride system like this before.

Sonia Mia:

Before the ride, I was warned not to move my head or close my eyes because of motion sickness. I didn't feel sick, but might a person if he or she does those things?

Bryan:

That could happen if you move your head, because of the technology used to create the ride. We give those recommendations because we want people to feel most comfortable. Some people can move their heads, and it doesn't bother them at all.

Sonia Mia:

How many times have you been on Mission: SPACE?

Bryan:

At last count, I've ridden it more than 400 times!

Questions

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3,2,1...Blast Off!

Name:

Date: _____

1.

Disney and NASA developed the ride Mission: SPACE. What does the ride let people experience?

A

what the first trip to the moon was like

B

what a trip to the moon might be like in the future

C

what a trip to Mars might be like in the future

D

what trips to Mars were like many years ago

2

. Astronaut Winston Scott compares and contrasts the ride Mission:

SPACE with a real space shuttle mission. According to Scott, how is Mission: SPACE similar to a real space shuttle mission?

A

The feeling of moving up the launch pad is similar on the ride and on a space shuttle.

B

The blast off lasts the same amount of time on the ride and on a space shuttle.

C

Three times the force of gravity is felt in a launch both on the ride and on a space shuttle.

D

The feeling of weightlessness in space is similar on the ride and on a space shuttle.

3

. Mission: SPACE was designed to give people a realistic experience of traveling through space like an astronaut. Which information from the passage best supports this conclusion?

A

People never actually leave the ground during the ride Mission: SPACE.

B

S

ue Bryan claims no one has ever put people into a ride system like Mission: SPACE before.

C

Mission: SPACE gives people the feeling of blasting off and traveling through space.

D

Mission: SPACE does not allow people to feel as though they are weightless.

4

.
Based on the information in the passage, what sort of tasks did Sonia Mia most likely perform during the ride Mission: SPACE?

A

She most likely performed tasks associated with a commander.

B

She most likely performed tasks associated with an engineer.

C

She most likely performed tasks associated with a pilot.

D

She most likely performed tasks associated with a navigator.

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Questions

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3,2,1...Blast Off!

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. What is this passage mainly about?

A

a museum

B

a roller coaster

C

a computer

D

a space ride

6

. Read the following sentence: "During the mission, Sonia Mia and her team used

buttons and joysticks to perform the tasks associated with their roles.”

As used in the passage, what does the word “associated” most nearly mean?

- A developed
- B invented
- C removed
- D connected

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. Choose the answer that best completes the sentence below.

_____ there are some similarities between the ride Mission: SPACE and a real space shuttle mission, there are also some differences.

- A Because
- B Although
- C However
- D Finally

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. What differences between ride Mission: SPACE and a real space shuttle mission does NASA astronaut Winston Scott point out?

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Questions

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3,2,1...Blast Off!

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. The ride Mission: SPACE can help people understand what it is like to be an astronaut. Use information from the passage to support this conclusion.

10

. Sue Bryan, the senior show producer of the ride Mission: SPACE, says that she and other Disney workers “build attractions that put people who visit our parks into different worlds and stories.” Explain how the ride Mission: SPACE puts people into “different worlds and stories.” Use information from the passage to support your answer.
