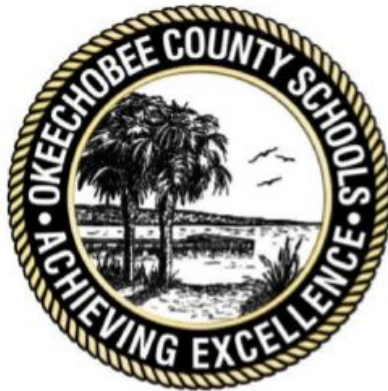


Sixth Grade

ELA & Mathematics

Week 3 Packet



First & Last Name: _____

Teacher: _____

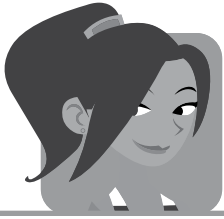
Grade: _____

School: _____



Read the Native American story. Use the Study Buddy and the Close Reading to guide your reading.

Genre: Native American Legend/Myth



Based on the first paragraph, I think Young Man is a patient and determined person. I'll underline the phrase that tells me about Young Man's character.

Close Reading

What does Young Man learn on his journey? **Underline** the sentences that explain the lesson of his journey.

The willow tree is kind and wise. **Circle** words and phrases that describe the tree.

The Wisdom of the Willow Tree

by Wilson Mekashone

- 1 Young Man often felt lost and pondered questions about the purpose of his life. He decided to journey far away, seeking wisdom. He hiked tirelessly for several days.
- 2 One day, the sun blazed down and he was hot, thirsty, and desperate for shade. In the distance, he saw a willow tree and crawled to it. Exhausted, he lay between its roots and had a vivid dream. In the dream, the tree had a wise old face that smiled at him and looked strangely familiar.
- 3 Young Man said to the tree, "I have failed on my journey. I still don't understand how to live my life. I'm thirsty and weary, and I cannot summon the strength to return home."
- 4 The tree then reached down its oldest branch, stroked Young Man gently on the cheek, and said, "Sleep in my shade. I am old and know the value of rest. When you wake up, follow my roots. They are wrinkled but know the way."
- 5 Young Man awoke and followed the tree's enormous roots to a burbling stream. As he drank, he saw his reflection and was shocked when he realized that the face he had seen in the willow's trunk had been his own, only much older.
- 6 He smiled as he now understood that he must age like the wise tree and help others find their way when they feel lost and defeated. Over time, he would gradually become Wise Man, whom people would seek out for help, shelter, and advice. This, he knew, would take much strength and patience.



Hints

Which choice describes what it takes for Young Man to become Wise Man?

Read each answer choice carefully. Which answer contains a word that describes something people do when they are happy?

How does Young Man feel when he approaches the willow tree? How does the willow tree encounter change Young Man's feelings?

Use the Hints on this page to help you answer the questions.

- 1 A student makes the following claim about Young Man in "The Wisdom of the Willow Tree."

Young Man has to develop skills if he wants to become Wise Man.

Which sentence from the text best supports this claim?

- A "He decided to journey far away, seeking wisdom."
- B "This, he knew, would take much strength and patience."
- C "I am old and know the value of rest."
- D "In the distance, he saw a willow tree and crawled to it."

- 2 Which sentence from the text best shows that Young Man is happy about his encounter with the willow tree?

- A "Young Man awoke and followed the tree's enormous roots to a burbling stream."
- B "As he drank, he saw his reflection and was shocked when he realized that the face he had seen in the willow's trunk had been his own, only much older."
- C "I'm thirsty and weary, and I cannot summon the strength to return home."
- D "He smiled as he now understood that he must age like the wise tree and help others find their way when they feel lost and defeated."

- 3 Explain how the willow tree's kindness and wisdom help Young Man. Include at least one detail from the story to support your explanation.



Read the story. Then answer the questions that follow.

A Sewing Sensation

by William Rivera

1 Juan sat on the floor of Mom's sewing room with one eye on his soccer magazine and one eye on his mother. His mother was making a wedding dress for their neighbor's daughter, and Juan could see that the dress was going to be beautiful. Juan's mother had designed and sewn dresses for many of the girls in his town, and Juan felt proud that people wanted to wear his mother's creations on their special days.

2 Juan glanced up again from his magazine and asked, "Is your machine running okay, Mom? I think it's making a weird noise."

3 Mom hardly looked up and said, "I think it's working just fine. It's whirring and humming away, just as always."

4 Juan looked disappointed, but he went back to pretending to read his magazine. A few minutes later, he asked, "Do you want me to sew the hem of the dress so that you can rest your fingers? I've watched you do it millions of times, so I could do it if you are really tired." This time, Juan's mother studied Juan's face carefully.

5 "You know, I could use a break," she said, "and we need some new pillowcases. I've got the pattern cut out, and all you'd have to do is stitch up the sides." Juan dropped his magazine and was sitting in Mom's sewing chair in no time. Juan's mom carefully removed the dress she was working on, showed Juan how to thread the sewing machine, and brought him some pillowcases to sew.

6 In his enthusiasm, Juan stomped on the foot pedal and almost sewed over his finger. Then he remembered the patience that his mother always showed, and he slowed down. His seams were straight and even. Juan had a huge smile on his face when he looked over his shoulder at his mom.

7 "I can't believe you sewed that so perfectly on your first try," Mom said, patting Juan on the back. "It took me years of practice to perfect my technique, and you're already a sensation. Why don't you try making a pillow for your room? You can design it, and I'll show you how to make the pattern and cut it out."

8 Juan's face lit up, but then a dark shadow seemed to pass over it. "I think I should probably just go outside and kick the ball with my friends." To himself, he muttered, "What would Anthony think if he saw me at a sewing machine?" as he headed outdoors.

9 Mom didn't say anything as she watched Juan's reaction, but that night at dinner, she and Juan's dad began talking about a local fashion designer who had moved to Dallas and become a very successful clothing designer. Juan pretended he wasn't listening, but the scowl slowly vanished from his face. "Many of the best fashion designers are men," Juan's dad continued. "They can make a lot of money for their designs."

10 After dinner, Juan got out his notebook and began sketching. Then he showed his notebook to his mother, and she nodded approvingly. Together, they headed to the sewing room for pattern tracing paper and scissors.



11 Juan cut out two large round pieces of cloth and began stitching them together, leaving one section open. He turned the cloth inside out, stuffed the opening with cotton batting, and then sewed up the open section. Finally, he used fabric markers to add details. He placed his finished creation on his bed.

12 The next day, Anthony came over to kick the ball with Juan, but it started to rain. The two headed to Juan's room to watch soccer videos instead. When Anthony saw the new oversized soccer ball on Juan's bed, he asked Juan where he got it. Juan grinned at his friend and said, "Mine is one-of-a-kind, but I think I know how to get you one that's almost like it."

Answer the questions. Mark your answers to questions 1–4 on the Answer Form to the right.

Answer Form

1 (A) (B) (C) (D)

2 (A) (B) (C) (D)

3 (A) (B) (C) (D)

4 (A) (B) (C) (D)

**Number
Correct****4**

1 Juan does not have a lot of experience with sewing. Which sentence from the passage is the **best** evidence of this claim?

- A** "Juan glanced up again from his magazine and asked, 'Is your machine running okay, Mom? I think it's making a weird noise.'"
- B** "'I can't believe you sewed that so perfectly on your first try,' Mom said, patting Juan on the back."
- C** "To himself, he muttered, 'What would Anthony think if he saw me at a sewing machine?' as he headed outdoors."
- D** "'Many of the best fashion designers are men,' Juan's dad continued."

2 Juan is very excited about learning to sew. Which of the following sentences from the passage **best** supports this statement?

- A** "Juan felt proud that people wanted to wear his mother's creations on their special days."
- B** "Juan sat on the floor of Mom's sewing room with one eye on his soccer magazine and one eye on his mother."
- C** "Juan had a huge smile on his face when he looked over his shoulder at his mom."
- D** "Then he remembered the patience that his mother always showed, and he slowed down."



3 Which detail **best** supports the idea that Juan’s mother encourages her son’s interests?

- A** She tells him that her sewing machine doesn’t require fixing.
- B** She gives him some pillowcases to sew on his own.
- C** She sends him outside to play ball instead of sewing.
- D** She gives him a notebook for sketching and drawing.

4 What is one reason Juan chooses to play soccer with his friends instead of continuing to sew?

- A** He knew that he needed to practice if he wanted to improve his soccer skills.
- B** He did not want his friends to think he was rude for keeping them waiting.
- C** He thought that his father would not approve of his interest in sewing.
- D** He was concerned that his friends might make fun of his sewing talent.

5 Juan seems somewhat embarrassed about his strong interest in sewing. Write a paragraph in which you agree or disagree with that statement. Use at least **two** details from the story to support your answer.



Self Check

Go back and see what you can check off on the Self Check on page 43.

Read the story. Then answer the questions that follow.

Work Smarter, Not Harder

by Trevor Jackson

1 Kari wiped sweat from her forehead and stuck the shovel back into the haystack-sized pile of peppermint snow. It wasn't exactly snow. It was way too warm for it to be frozen water. The one time she licked off some that fell on her hand, she learned that it definitely didn't taste like peppermint. More like blended asparagus. But the mountain of powdery mush was definitely white with streaks of red swirling up through it. And Kari had to move it all off the wide green field and onto the dirt track around the field. All under the withering gaze of two suns.

2 It was her third day attempting to move the mush. Each day she worked as fast as she could, but she could never quite finish the job before falling down exhausted. She figured that was why each morning the pile was reset, waiting for her to get to work, as if she'd done nothing the day before.

3 Kari wasn't sure exactly how long she had been in Parival, if that's even where she really was. Two weeks? A month? Enough details shared by her uncle Otto matched what she had experienced since she fell down the well in the freezing, snow-filled woods behind her grandparents' house: the feeling of rising and falling at the same time when she first slipped on the well's rock wall, the way she cast two shadows because of the twin suns in the sky, the birdsongs that sounded more like a baby's midnight cries for food. Kari had thought these things were just stories, though, even if Otto always protested that they were true. Now she knew.

4 Kari hadn't been in Parival more than an hour before she'd spotted the big board. It was strung between two branches of an enormous tree, its limbs heavy with a scary-looking red fruit, like giant cherries. The board read, CHORES FOR KARI. She looked around as if there might be someone to explain. The suns beat down on her neck as she stepped closer to examine the chart. Each row gave a title and a brief description followed by a box for a check mark to show Kari had finished.

5 So far each task had proved to be more complicated than it seemed at first. She had to make choices about how she was going to complete each task. A job of collecting and sorting eggs as big as an ostrich's forced her to use some math skills she didn't know would ever come in handy. Another job involved her singing a row of musical notes, but she had to sing them from right to left instead of left to right.

6 Exhausted, Kari stopped shoveling the mush and dropped the shovel on the ground. She stamped her foot and gave a loud groan. She thought again about the tasks she had already completed. Each job was a combination of physical activity and some creative thinking. She had been shoveling for days, but had she applied any original thought to the task?

7 That was it! Kari suddenly remembered a magic trick she had performed at her little brother's birthday party. It had been a sunny day just like this one. Although of course there was only one sun in that sky. Kari's family and friends had all gathered in the backyard around the small patio table. Plates, cups, and plastic forks and spoons rested on top of a white tablecloth. Kari had grabbed the edges, counted to three, and yanked. Everything on top of the tablecloth stayed in one place, but the tablecloth was liberated. Kari's family applauded.

Go On

8 The grassy field had felt slippery under her feet while she had worked the last three days. Maybe it wasn't the peppermint snow that had to move, but the field underneath! Kari kicked the shovel aside and ran to the edge of the field. Sure enough, the edge of the field could be lifted. But the tablecloth had been much smaller and lighter than this grassy field. She would just have to try.

9 Kari gave the grass in her hands a shake and watched the pile of peppermint snow. The grass ripple she had shaken grew taller and taller as it moved toward the pile in the center. By the time the wave reached the center, it looked like a giant whale. The whale-shaped hump slid right underneath the pile, carrying it high up into the air. Kari saw her chance and pulled hard on the grass. The entire field came flying at her like it weighed no more than that tablecloth had last summer. She ducked as it flew over her head. Then she watched as the pile of snow came falling down to rest on the dirt that had been underneath the grass field. When it touched dirt, the pile vanished.

10 Kari dusted herself off and headed back to the big chores board; she would get home one way or another.

6 In the first paragraph of the story, what does it mean that Kari has to work "under the withering gaze of two suns"?

- A** The two suns disapprove of Kari's efforts.
- B** Kari feels judged by unseen persons in Parival.
- C** Kari is very angry at whoever brought her to Parival.
- D** The light from the suns is extremely hot and bright.

7 Which sentence signals a major shift in the action of the story?

- A** "The suns beat down on her neck as she stepped closer to examine the chart."
- B** "She stamped her foot and gave a loud groan."
- C** "Kari suddenly remembered a magic trick she had performed at her little brother's birthday party."
- D** "Then she watched as the pile of snow came falling down to rest on the dirt that had been underneath the grass field."

The following question has two parts. First, answer part A. Then, answer part B.

Part A

Why does Kari work to carry out the tasks written on the board?

- A** She likes the challenge of creative problem-solving.
- B** She thinks completing them is her only way out of Parival.
- C** She is bored and doesn't have anything else to do.
- D** She is frightened of the red fruit hanging by the board.

Part B

Which sentence from the passage **best** supports the answer to part A?

- A** "It was strung between two branches of an enormous tree, its limbs heavy with a scary-looking red fruit, like giant cherries."
- B** "A job of collecting and sorting eggs as big as an ostrich's forced her to use some math skills she didn't know would ever come in handy."
- C** "Each job was a combination of physical activity and some creative thinking."
- D** "Kari dusted herself off and headed back to the big chores board; she would get home one way or another."

Go On

9

Kari checks to see if the edge of the field can be lifted because she realizes that each previous task she completed required a creative solution. Which of the following sentences from the passage **best** supports this statement?

- A** "She had to make choices about how she was going to complete each task."
- B** "So far each task had proved to be more complicated than it seemed at first."
- C** "She had been shoveling for days, but had she applied any original thought to the task?"
- D** "Kari gave the grass in her hands a shake and watched the pile of peppermint snow."

10

Which sentence from the story helps to illustrate how little information the narrator shares with the reader?

- A** "The one time she licked off some that fell on her hand, she learned that it definitely didn't taste like peppermint."
- B** "Each day she worked as fast as she could, but she could never quite finish the job before falling down exhausted."
- C** "Kari wasn't sure exactly how long she had been in Parival, if that's even where she really was."
- D** "Kari had thought these things were just stories, though, even if Otto always protested that they were true."
- E** "She looked around as if there might be someone to explain."
- F** "Each row gave a title and a brief description followed by a box for a check mark to show Kari had finished."
- G** "Another job involved her singing a row of musical notes, but she had to sing them from right to left instead of left to right."

One of the themes of this story is that creative thinking can help you solve problems. The following folktale, "The Crow and the Pitcher," also shares this theme. Read the folktale.

The Crow and the Pitcher

A crow, weak from thirst, was delighted when he spotted a pitcher up ahead. He flew to it as fast as he could, hoping it would be filled with water. To his great disappointment, the pitcher was more than half empty, and through its narrow mouth, he couldn't reach a drop of the water it contained. He thought and thought about what to do and was about to give up. At last, he had an idea. He gathered a pile of stones and dropped them one at a time into the pitcher until the water rose within his reach.

Compare and contrast how "Work Smarter, Not Harder" and "The Crow and the Pitcher" present the theme stated above. Use details from the stories to support your answer.

Go On

Writing and Interpreting Algebraic Expressions

► **Write an algebraic expression for each word phrase or situation.**

- 1 12 more than 8.2 times a number n

- 2 3 less than the quotient of 18 and a number m

- 3 5.6 times the sum of 4 and a number p

- 4 the quotient of 2 and a number x , times 3

- 5 Five friends split the cost of parking at an amusement park. Each of them also buys a \$30 ticket. Write an algebraic expression that represents the amount of money each friend spends. Identify any variables.

- 6 A movie theater is open x hours Monday through Thursday and y hours Friday through Sunday. Write an algebraic expression that represents the number of hours per week the theater is open.

► **Interpret the meaning of the algebraic expression in each problem.**

- 7 Andrew writes the algebraic expression $2s + 2.79$ to represent the cost of his lunch. He bought 2 sandwiches and a large drink. Identify any variables, coefficients, and terms in the expression. Tell what each represents.

Writing and Interpreting Algebraic Expressions *continued*

- 8 A teacher writes the algebraic expression $24c + 5m + 19.99$ to represent the cost of supplies she purchased for her classroom. She bought 24 packages of colored pencils, 5 packages of markers, and a beanbag chair. Identify any variables, coefficients, and terms in the expression. Tell what each represents.
- 9 Write a situation that could be represented by the algebraic expression $3s + 2.15$.

Evaluating Algebraic Expressions

- Check each answer to see whether the student evaluated the expression correctly. If the answer is incorrect, cross out the answer and write the correct answer.

Algebraic Expressions	Student Answers
1 $5m + 26$ when $m = 3$	 $5(3) + 26 = 15 + 26$ $= 31$ <div>Possible answer: $5(3) + 26 = 15 + 26$ $= 41$ </div>
2 $8(x + 2)$ when $x = 6$	$8(6 + 2) = 48 + 2$ $= 50$
3 $7p + 5$ when $p = 12$	$7(12) + 5 = 7(17)$ $= 119$
4 $q + 9p$ when $q = 18$ and $p = 4$	$18 + 9(4) = 18 + 36$ $= 54$
5 $6w - 19 + k$ when $w = 8$ and $k = 2$	$6(2) - 19 + 8 = 12 - 19 + 8$ $= 1$
6 $12x + y$ when $x = 3$ and $y = 52$	$12(3) + 52 = 36 + 52$ $= 88$

- 7 Check your answer to problem 2 by using a different strategy.

Using Order of Operations with Expressions with Exponents

- Simplify or evaluate each exponential expression using the order of operations. The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $(6 + 3)^4$

2 $6 + 3^4$

3 $2(4^3) - 1$

4 $2(4^3 - 1)$

5 $5 + 9(1 + 2)^2$

6 $5 + 9(1) + 2^2$

7 $(18 - 4)^2$

8 $18 - 4^2$

9 $9 + 2(3^2)$

10 $(9 + 2)3^2$

11 $12 + x^4 - 6$ when $x = 8$

12 $m^3 + 9n$ when $m = 4$
and $n = 5$

Answers

27

196

2

18

126

99

127

86

109

4,102

87

6,561

Identifying Equivalent Expressions

► Determine whether each pair of expressions is equivalent. Show your work.

1 $2(x - y)$ and $2x - 2y$

2 $4(x + y)$ and $4y + 4x$

3 $4p + 3c$ and $(c + 2p)(2)$

4 $21q - 7p$ and $(3q - p)(7)$

5 $4(2a - 3v)$ and $8a + 6v$

6 $8(3x + c) - 1$ and $8c + 24x - 1$

Identifying Equivalent Expressions *continued*

7 $3(2x + 11)$ and $(3x + 15)(2)$

8 $2x + 2x + 2c + 6$ and $(2x + c + 3)(2)$

9 $3e + 7 - e$ and $2e + 10 + 2e - 3$

10 $5c + 4c + 2$ and $5c + 2(2c + 1)$

11 How can you check your answer to problem 8 by choosing values for the variables?

Writing and Solving One-Variable Equations

► Solve each problem by writing and solving a one-variable equation.

- 1 In the first three innings of a baseball game, the home team scored some runs. In the rest of the game, they scored 5 runs more than the number of runs scored in the first three innings. If the home team scored 9 runs in all, how many runs did they score during the first three innings? How many runs did they score in the remainder of the game? Let x = the runs scored in the first three innings.

- 2 The punch bowl at Felicia's party is getting low, so she adds 12 cups of punch to the bowl. Two guests serve themselves 1.25 cups and 2 cups of punch. The punch bowl now contains 11.5 cups of punch. How many cups were in the punch bowl before Felicia refilled it? Let n = number of cups in bowl before Felicia refilled it.

- 3 Vanessa is a caterer. She made several batches of appetizers last weekend for an event. This weekend, Vanessa made 4 times as many batches. She made a total of 25 batches of appetizers for the two weekends. Determine the number of batches Vanessa made last weekend and the number of batches she made this weekend. Let b = the number of batches of appetizers Vanessa made last weekend.

Writing and Solving One-Variable Equations *continued*

- 4 Wanda earned \$350 babysitting over the months of July and August. She earned \$90 more in August than in July. How much did she earn babysitting in July? In August?
- 5 Charlene is 8 years older than Aaron. The sum of their ages is 44. What are their ages?
- 6 On Saturday, 45% of the music Brianna listened to was country songs. She listened to 27 country songs on Saturday. How many songs did Brianna listen to on Saturday?

Writing and Graphing One-Variable Inequalities

► Write an inequality to represent each situation.

- 1 A farmer weighs a dozen chicken eggs.
The heaviest egg is 56 g.

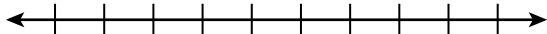
- 2 A light bulb is programmed to turn on
when the temperature in a terrarium is
72°F or cooler.

- 3 Martin is building a sandcastle at the
beach. He pours no less than 5 cups of
wet sand into each plastic mold.

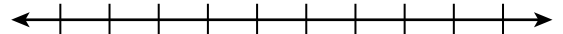
- 4 The shortest tree in a park is at least
25.5 ft tall.

► Graph each inequality.

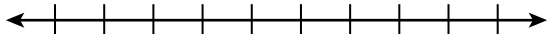
5 $n \geq -2$



6 $h \leq 5$



7 $t \leq 7.1$



8 $r \geq -\frac{2}{3}$



- 9 What is the difference between the inequality $x \leq 5$ and the equation $x = 5$?