

Complete within 2 weeks of returning to school.

NTI DAY 19



Harrison County Schools

Name: _____

Grade: 4

Teacher: _____

Day 19 Checklist (complete ALL items on the checklist)

Reading

_____ Read Ryan's Well and "donation" vocabulary sheet

_____ Choose a writing prompt to answer from the writing grid. Be sure to follow the criteria listed on the criteria page. (minimum of 1 paragraph)

Math

_____ Complete Daily Common Core Review 9-2

_____ Mini Lesson Perimeter
students should read the lesson at the top of page 173

_____ Complete practice pages 173 - 174

_____ Additional online resources:

Number Rock: Area and Perimeter

<https://www.youtube.com/watch?v=Tpy09HOkHyl&t=1s>

Science

_____ Complete "Use Text Features: Bar Graphs"

Social-Emotional Learning

_____ Complete Social Emotional Learning - Diversity

Ryan's Well

by Jayne Keedle



clean drinking water from a well in Djibouti, Africa

Small steps can help solve the world's water crisis.

Kids really can make a difference. Just ask 15-year-old Ryan Hreljac (HURL-jak) of Kemptville, Canada. When he was 6, he learned about the shortage of safe drinking water in some parts of the world. Today, Ryan's Well Foundation has raised more than \$1.5 million to build more than 700 wells in 16 countries, most of them in Africa.

During his mission to raise money, Ryan became pen pals with Akana Jimmy, an orphan who lived in Africa. In Jimmy's tiny village of Agweo, Uganda, there was no clean water until Ryan raised enough money to buy the village its first well. A new book tells the story of their life-changing friendship- *Ryan and Jimmy and the Well in Africa That Brought Them Together*.

Two Different Worlds

Jimmy used to wake up before midnight and walk 3 miles to the nearest pond. There, he would fill a large plastic container with contaminated, or polluted, water. Jimmy made that trip three times every day before heading to school. "Because you don't have any choice, you drink it," he told *WR News*.

In 1998, Ryan's first-grade teacher told the class that polluted water was causing thousands of children to become sick and even die. For Ryan, a lack of clean water was unimaginable. His teacher said the cost of building a well in Africa was just \$70. Determined to help, Ryan spent months doing household chores to earn enough money to pay for a well.

Later that year, Ryan proudly took his savings to WaterCan, a Canadian organization that helps provide safe drinking water to impoverished countries. To his disappointment, Ryan was told that the cost of building a well was much higher: \$2,000.

Ryan vowed, or promised, to continue raising money. Word of his mission spread, and soon the media picked up his story. To Ryan's astonishment, people started sending him donations. By 2000, Ryan, then 9, had raised enough money to build his first well. With help from Canadian Physicians for Aid and Relief, Ryan chose Jimmy's village as the site for the well.

All's Well That Ends Well

Ryan's well changed the lives of the people in Agweo and especially affected Jimmy's life. That's when the two boys became pen pals. They became friends when Ryan traveled to Uganda in 2000 to help complete the well.

In 2003, Ryan's family arranged to bring Jimmy to their home in Canada. "We used to live as friends," Jimmy, now 17, says, "but now we live as brothers."

The two teenagers hope their book will raise awareness about unsafe drinking water and prompt people to take action to help. "The situation is difficult, but you have to start somewhere," Ryan says. "We need to work harder to make the world a better place."

Water Isn't Everywhere

More than two-thirds of Earth's surface is covered by water, so you might think there is enough to go around. You may be surprised to learn that water is scarce. Only a limited amount of water is drinkable. Salty seawater makes up about 97 percent of the world's water.

Another 2 percent is frozen at the North and South Poles.

More than 1 billion people around the world don't have access to safe drinking water, according to the United Nations. Why isn't all the freshwater available to people safe for drinking? Chemicals from factories, fertilizers from farms, and untreated sewage pollute the water supply. "One of our goals is to educate people about the importance of clean water," says Ryan.

donation

do · na · tion

Advanced Definition

noun

1. the act or an instance of giving or contributing, as to a cause.

Each donation was scrupulously recorded.

His donation of the money to a charity surprised his family.

2. the gift or contribution thus made.

Even a small donation is greatly appreciated.

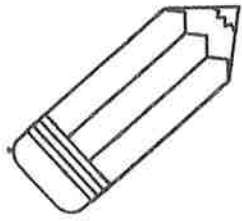
Your donations will help many children get the medical attention they need.

Spanish cognate

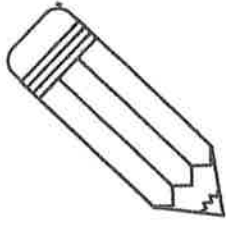
donación: The Spanish word *donación* means donation.

These are some examples of how the word or forms of the word are used:

1. Schools and community centers often accept **donations** of electronic equipment.
2. To Ryan's astonishment, people started sending him **donations**. By 2000, Ryan, then 9, had raised enough money to build his first well.
3. They raised money by hosting balls and asking local businesses for **donations**. By 1927, they had enough, and the monument was completed.
4. They scarfed down the cookies and they stuffed the **donation** box, and when Jesse strummed the chords to Anna's favorite songs, they all sang along.
5. In each location, the singer who belts out the best version of the national anthem wins a \$1,000 **donation** to a school music education program of his or her choice. In Richmond, Virginia, an 11-year old boy took home the top prize.



Writing Topic Grid



<p>If you had to spend the whole day outside in the beautiful weather, write about what you would do.</p>	<p>Should students go to school year round, with two weeks at school, then two weeks off? Explain why or why not.</p>	<p>There are 24 hours in a day. Write about what your day would be like if there were only 6 hours in a day.</p>	<p>If you had to give up something that you love for one week, what would it be?</p>
<p>What does it mean to appreciate someone? What are some things you can do to show them you appreciate them?</p>	<p>Write an entry using this opening sentence: I'll never forget the time when...</p>	<p>Write about some chores you are responsible for at home, or ways that you help out around the house.</p>	<p>If you were going to open a restaurant, what would it be called? What are some things that would be on the menu?</p>
<p>If you were going on a picnic, describe what would be in your basket.</p>	<p>Would you rather have no TV, no computer, or no video games? Explain.</p>	<p>FREE CHOICE</p>	<p>Should stores be allowed to continue selling junk food, or should they be forced to stop?</p>
<p>What is one invention already exists that you wish YOU thought of? Why?</p>	<p>If you could be an author and write any book, what would be the title? What would it be about?</p>	<p>If you could only eat one food for the rest of your life, what would it be and why?</p>	<p>It's BBQ season! What is your favorite thing to eat at a BBQ?</p>
<p>FREE CHOICE</p>	<p>If you could create a special burger, what would it be called? What toppings would be on it?</p>	<p>If you could be on a reality TV show, would you be on a show about singing, dancing, cooking, or adventure?</p>	<p>FREE CHOICE</p>

Criteria

Expository:

- My writing gives information about my topic and has interesting ideas.
- My writing is organized so that a main idea and its details are in the same paragraph.
- My writing uses interesting words and sentences.

Persuasive:

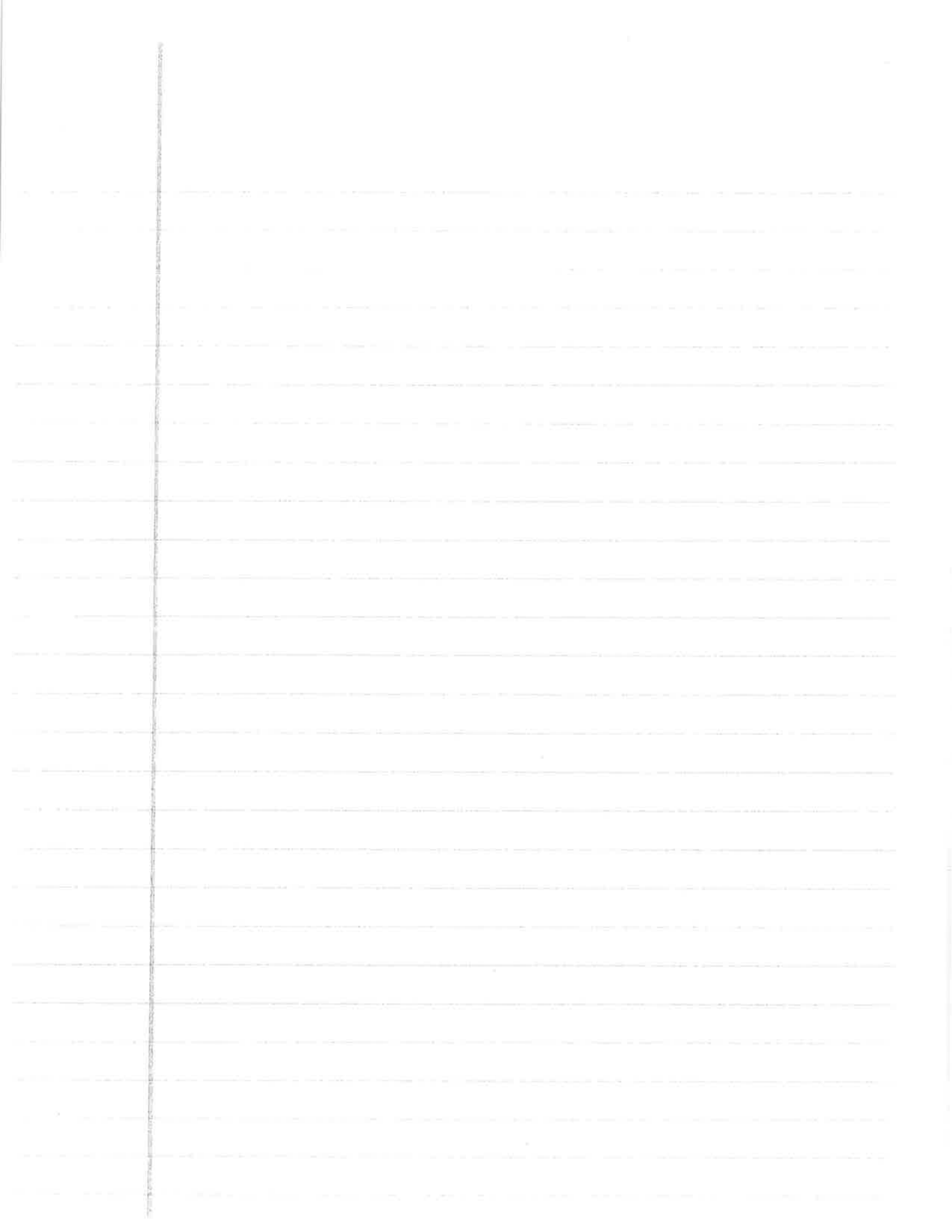
- My writing persuades or convinces someone of something and has interesting ideas.
- My writing is organized in paragraphs with detailed reasons for supporting my idea.
- My writing uses interesting words and sentences.

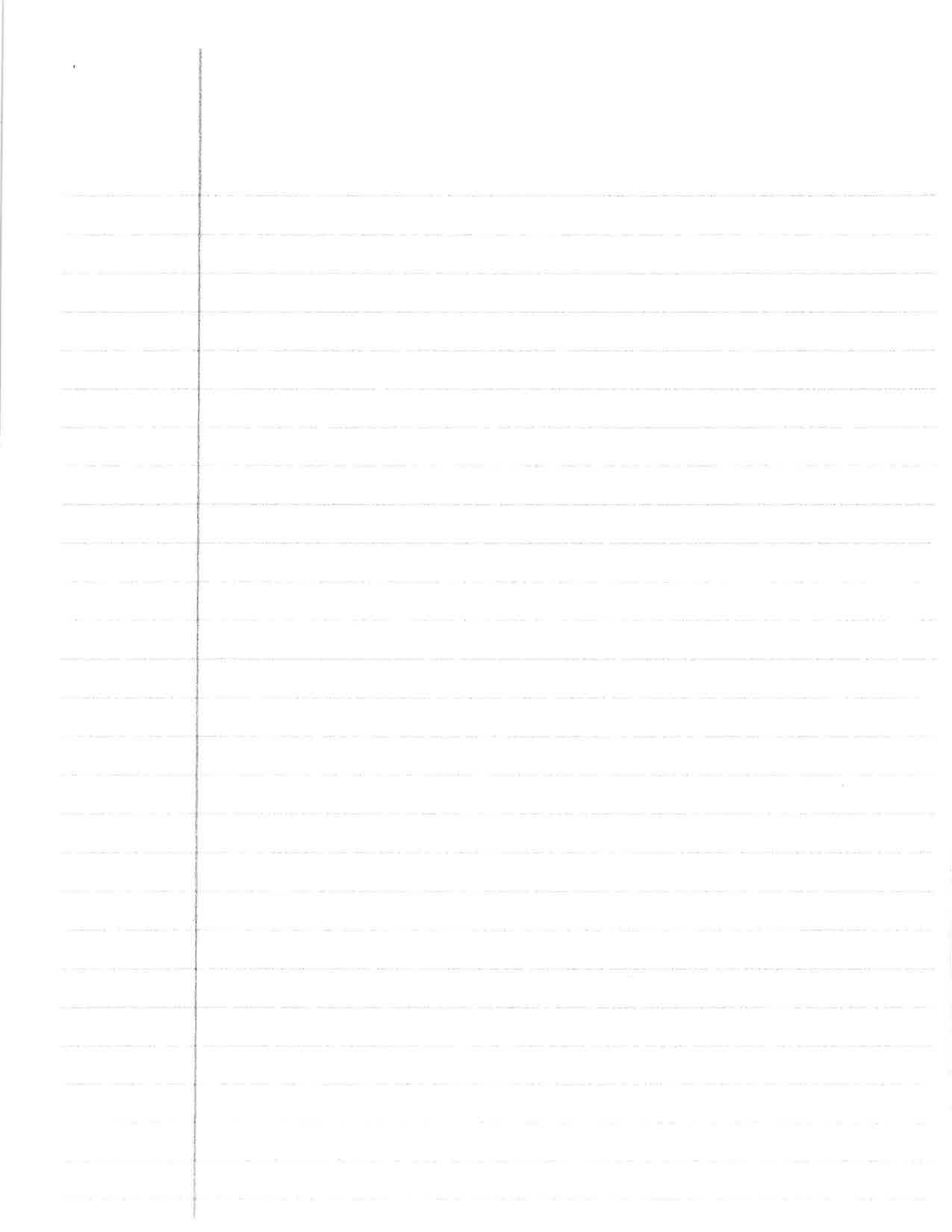
Narrative:

- My writing tells a story with detailed events and has interesting ideas.
- My writing is organized in paragraphs for each main idea.
- My writing uses interesting words and sentences.

Poetry:

- My poem has a main idea.
- My writing uses creative poetry devices (eg. simile, alliteration etc.)
- My writing uses interesting words.





1. Which fraction is equivalent to $\frac{1}{2}$?

- (A) $\frac{2}{6}$
- (B) $\frac{4}{8}$
- (C) $\frac{6}{10}$
- (D) $\frac{9}{12}$

2. Shaquille bought 12 jumbo packs of trading cards. Each jumbo pack contains 33 cards. How many trading cards did Shaquille buy?

- (A) 99 trading cards
- (B) 366 trading cards
- (C) 396 trading cards
- (D) 496 trading cards

3. Over the summer Hans ran 89 laps of the track and swam 147 laps of the pool. Hans completed twice as many laps as his friend Lee. How many laps did Lee run and swim?

- (A) 118 laps
- (B) 128 laps
- (C) 236 laps
- (D) 472 laps

4. Select all the statements that are true.

- $\frac{1}{3} < \frac{1}{4}$
- $\frac{1}{3} > \frac{1}{6}$
- $\frac{1}{2} < \frac{1}{5}$
- $\frac{1}{4} > \frac{1}{10}$
- $\frac{1}{10} > \frac{1}{2}$

5. Which is greater $\frac{5}{4}$ or $\frac{4}{5}$? Explain.

6. Write 968,472 in expanded form.

7. A school has 158 computers. They want each of the 6 grades to have the same number of computers. How many computers should each grade receive? Explain.

8. Write a comparison for $\frac{2}{8}$ and $\frac{3}{10}$.

Lesson 87

COMMON CORE STANDARD CC.4.MD.3

Lesson Objective: Use a formula to find the perimeter of a rectangle.

Name _____

Perimeter

Perimeter is the distance around a shape. You can use grid paper to count the number of units around the outside of a rectangle to find its perimeter.

How many feet of ribbon are needed to go around the bulletin board?

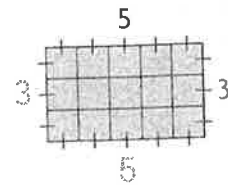
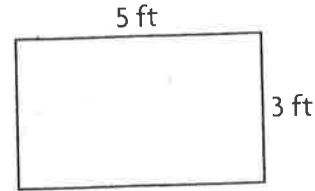
Step 1 On grid paper, draw a rectangle that has a length of 5 units and a width of 3 units.

Step 2 Find the length of each side of the rectangle. Mark each unit of length as you count.

Step 3 Add the side lengths. $5 + 3 + 5 + 3 = 16$

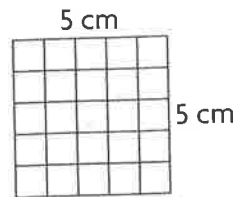
The perimeter is 16 feet.

So, 16 feet of ribbon are needed to go around the bulletin board.

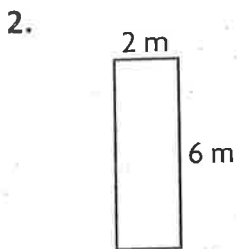


1. What is the perimeter of this square?

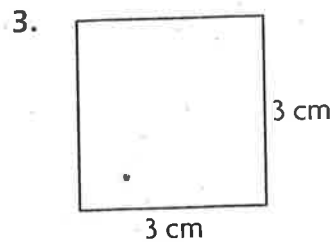
___ + ___ + ___ + ___ = ___ centimeters



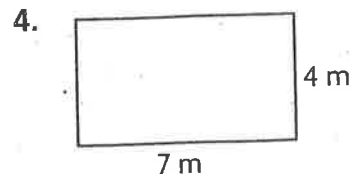
Find the perimeter of the rectangle or square.



_____ meters



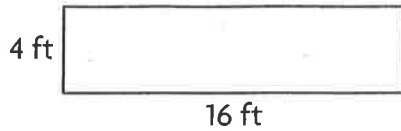
_____ centimeters



_____ meters

Name _____

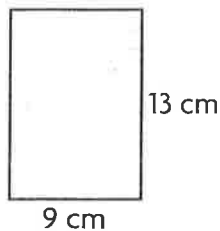
1. Jack plants a vegetable garden. The garden is in the shape of a rectangle. He wants to put fencing around the entire garden.



How much fencing does Jack need?

- (A) 72 feet (C) 40 feet
(B) 44 feet (D) 22 feet

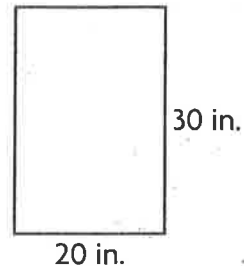
2. Ian hung a mirror on the wall.



What is the perimeter of the mirror?

- (A) 22 cm (C) 44 cm
(B) 36 cm (D) 52 cm

3. Mindy puts a rectangular poster of her favorite singer on a wall in her bedroom.



What is the perimeter of the poster?

- (A) 100 inches (C) 60 inches
(B) 70 inches (D) 50 inches

4. Armando is tiling the top of his kitchen table. Each tile that he is using measures 9 inches along each side. What is the perimeter of a tile?

- (A) 9 inches (C) 36 inches
(B) 18 inches (D) 81 inches

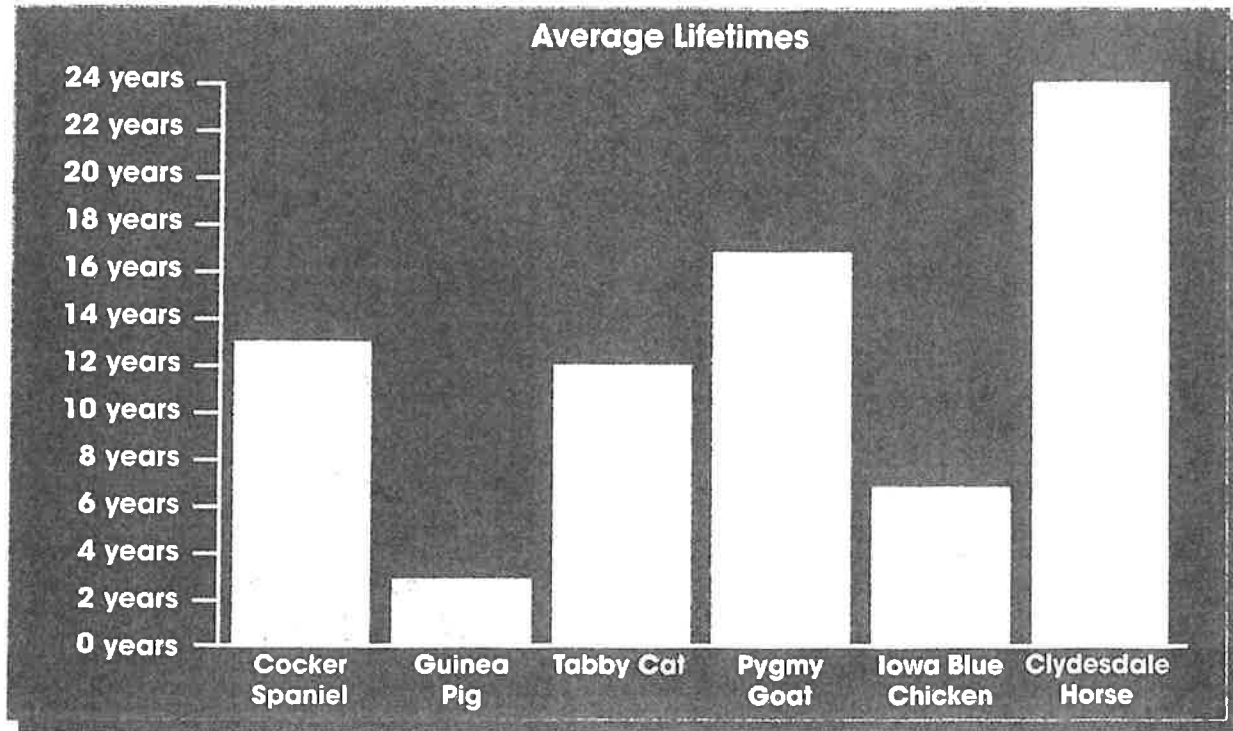
Problem Solving REAL WORLD

5. Troy is making a flag shaped like a square. Each side measures 12 inches. He wants to add ribbon along the edges. He has 36 inches of ribbon. Does he have enough ribbon? **Explain.**

6. The width of the Ochoa Community Pool is 20 feet. The length is twice as long as its width. What is the perimeter of the pool?

Use Text Features: Bar Graphs

Bar graphs use bars of different lengths to show information. The bar graph below compares the average lifetimes of some animals. Use the bar graph to answer the questions.



1. Which animal lives to be an average of 12 years old? _____
2. Which two animals have the shortest average lifetime? _____

3. What is the average lifetime of a cocker spaniel? _____
4. Which animals will probably live to be older than the cocker spaniel? _____

5. Which animal on the chart has the longest average lifetime? _____

Name: _____

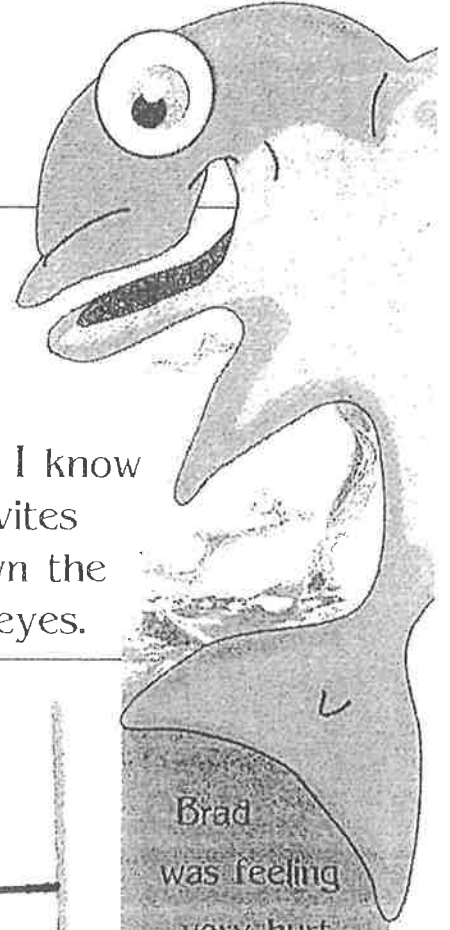
Social Emotional Learning- Diversity
4th Grade

Please complete the following worksheet titled, What Would You Say as well as the word search

Directions: Read the situation and write a letter to the character telling her you care and share some ideas you have to make her feel liked and accepted.

WHAT WOULD YOU SAY?

Directions: Read the situation below. Write a letter to Tanika to tell her you care and share some ideas you have to make her feel liked and accepted. Share your letter in class.



Situation

My name is Tanika and I feel like no one at school likes me. At lunch when I try to sit with others from my class they all move and I end up eating alone. At recess no one asks me to play with them so I play alone. After school I know that other students get together but no one invites me to play. Sometimes when I am walking down the hall students give me dirty looks and roll their eyes.

Dear Tanika,

Brad was feeling very hurt and lonely when no one wanted to be around him. How did the dolphins help him feel better? What can you do when you notice someone being left out or feeling lonely?

HOW MANY KIND WORDS CAN YOU FIND?

Directions: Look in the Word Search to find all the words in the Word Bank.

Word search grid containing the following letters:

N G R

P T D J F B N W D

P I P O I T W U W F C H G

I N V I T I N G A U E N J F C E Y

F J Q N L R Z G R M N G X H H T L B S

U W Q E W Q L G T O M O S E E T D H M G V

K N O N R Z W A Z O X W S C N N H Q E T D

U W A D R P G S Z B P A K P F E T S N M Z L V

F P R V E B B K C Z K C M K I I L P V P L E Q

U M J G E A R F K P W Q C L R Y S C V L Y R B Q N

J S Y O R S F S I V H R A F H Z S B T B R L B Y B

C T K I Y N P L T C O S K C L J G I R C W J D L B

P B W H D X G P X Q A L L S R A K D M U V K I Q E P I

T F O Q O U U I Q U J N K T O B L Y R S L C J F S V L

A R Y I O U W F K K I N D U A C C E P T I N G I X O V

R E F R M G K Q E Q S A I E N Y X Z I B G Q R H S

A U X J U S H W N E Z Q Q N R F Q Q N J I T W P M

R S P I H J D T O K W Z H C G B N L G S V F A U I

K U Q T K D A F E T T E R A Q P X L N I U H A

E F I Z F U N B U L A L U I R K X G J N D Y B

G H P K V E N I L O P S A O I N F Q G G V

Y B R W U E E Z W N F D G I I N K A K Q X

S J N J I N L B L U S T R W B G I G K

Q R K A R M J U L C A M B W R F D

K V L U F Q R H Z B L U E

M H S E S A D P M

S M J

WORD BANK	Caring	Friendly	Giving	Understanding
	Kind	Inviting	Sharing	Trusting
	Thoughtful	Helpful	Accepting	