BLACK ROCK ELEMENTARY SCHOOL

Educate ~ Challenge ~ Inspire

TOWN OF THOMASTON
CONNECTICUT
INCORPORATED 1875

_____'s
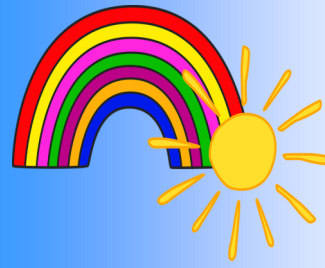
Soaring into Success
Summer Passport

Entering 4th Grade

This passport belongs to:

_____

Entering _____ Grade

Date of Issue: 14 JUN 2023

Date of Expiration: 29 AUG 2023

Thomaston Summer Passport

Welcome to the Thomaston Summer Passport! Your math and reading adventures around town await!
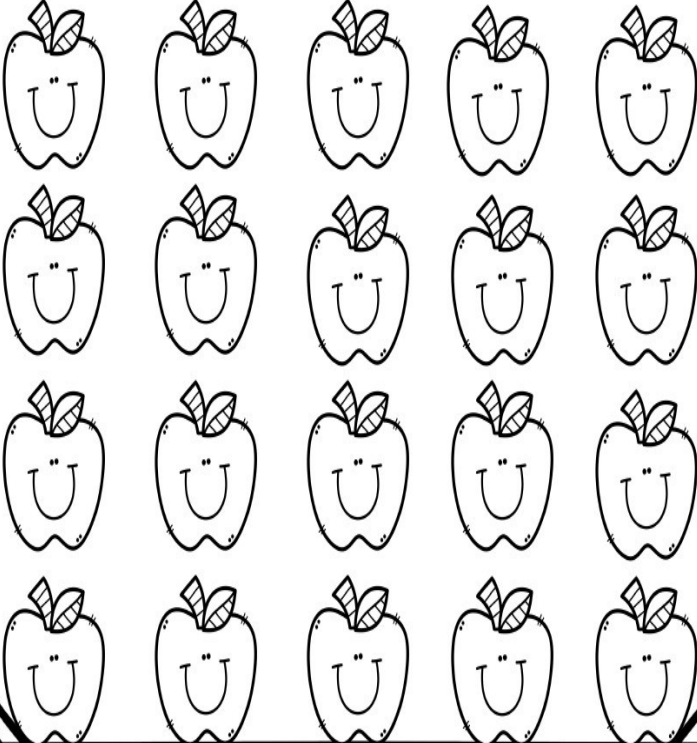
1. Work together with an adult, peer, independently to solve the problems and complete the tasks.
2. Record your thinking and solution in the space provided in this Passport.
3. If you are able to visit the passport location, you will receive a stamp for completing your work. You will also be able to see and read the book for that location.

Students who complete the entire Passport will receive special recognition!

AUGUST READING LOG

Name: _____

Directions: Color in 1 picture for every night you read!

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THOMASTON PUBLIC LIBRARY

Visit the Thomaston Public Library for more fun summer activities. Don't forget to complete your reading logs!

Name: _____

JULY READING LOG

Directions: Color in 1 picture for every night you read!

Cutie Pies

treats, sweets and delicious eats!

To thank the Thomaston Police Department, you want to build them a rectangular garden out back to make their space beautiful. To build the garden, you can use 4 foot, 6 foot, or 8 foot boards. Choose which boards you will use to design a frame to go around the garden. You will need to use a nail every two inches to attach a fence to the frame. How many nails should you buy? Draw a picture to justify your answer. Make sure you have the dimensions of the garden labeled.

There are 9 rows of cupcakes in Cutie Pie's display. There are 20 cupcakes in each row. How many cupcakes are there in the display?

Use the QR Code below for more activities to get you ready for 4th grade!

Receive Your Stamp
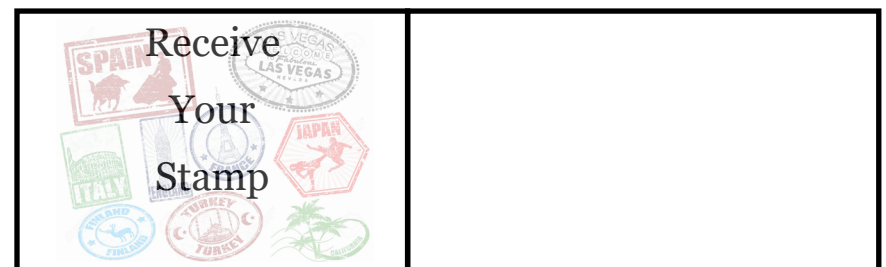
Design your own book Cover!!

REAL PiGEONS

ANDREW MCDONALD   **BEN WOOD**

DESIGNED BY:

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $3 \times 40 =$ _____

2 $8 \times 50 =$ _____

3 $7 \times 20 =$ _____

4 $20 \times 8 =$ _____

5 $50 \times 4 =$ _____

6 $40 \times 8 =$ _____

7 $50 \times 7 =$ _____

8 $60 \times 4 =$ _____

9 $30 \times 8 =$ _____

10 $60 \times 8 =$ _____

11 $7 \times 30 =$ _____

12 $4 \times 40 =$ _____

13 $4 \times 70 =$ _____

14 $9 \times 50 =$ _____

15 $9 \times 40 =$ _____

16 $7 \times 70 =$ _____

17 $90 \times 9 =$ _____

18 $8 \times 90 =$ _____

Answers

480	140	490	160	720	200
450	240	240	320	360	350
280	120	810	400	160	210

Famous Chocolate Maker

Introduction:

- When was Milton Snavely Hershey born?

  _____

- What state was he born in?

  _____

- Can you find it on a map?

- Why didn't Milton finish school?

  _____

  _____

- What jobs do you have to do at home? _____

Early Life

- When did Milton work as an apprentice to a candy maker?

  _____

- Someone who learns a trade or craft by working with a skilled person is called an

  _____.

- When Milton was 18, he opened up his first

  _____.

- He sold it in 1882 and moved to _____.

- If you had a candy shop, what would you sell in it? _____

Life's Work

- Milton's dream came true!!

- He was making chocolate by _____.

- Whom did Milton get married to in 1898?

  _____.

- What was invented in 1900? _____

- What is your favorite candy bar and why?
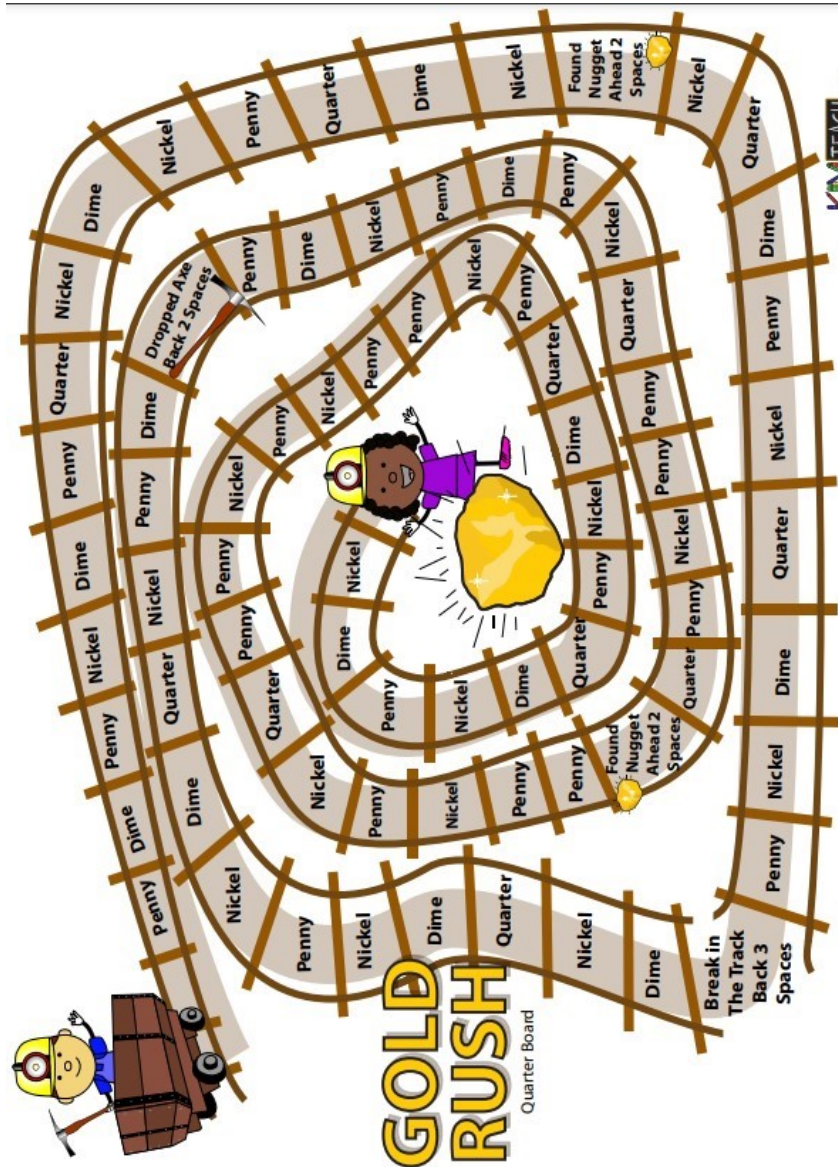
  _____

  _____

GOLD RUSH

Quarter Board

Found Nugget Ahead 2 Spaces

Dropped Axe Back 2 Spaces

Break in The Track Back 3 Spaces

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Gold Rush

2-4 Players or Teams

Materials Needed:
Spinner Arrow or Paper Clip and a Pencil, Chips or Game pieces, and Coins.

Directions:

1) Player 1 spins and moves the number of spaces indicated on the spinner.

2) Player 1 reads what the space says. If it says penny, nickel, dime, or quarter, use that coin and the number they spin to make their score. For example, if player 1 spun a 2 and landed on "Nickel", the score will be 10 cents.

3) All other players will repeat steps 1 - 2, adding scores as they travel around the board.

4) The game ends once all players have made it to the gold in the center of the board.
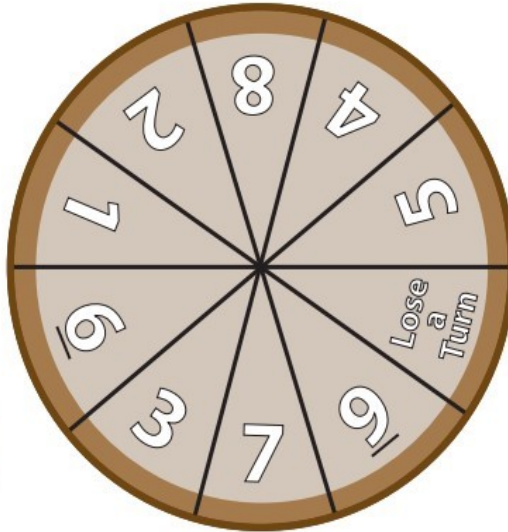
5) The player with the highest score wins.

Tip:
There are two ways to keep track of amounts:
1) Students use paper and pencil to add or subtract their money amounts.
2) Students use plastic coins to keep tracking of their total. Students can exchange "smaller" coins for "bigger" coins.

KIMTEACH.com

Spinner numbers: 2, 8, 4, 1, 5, 6, 3, 7, 9, Lose a Turn

Later Years

- What did Milton build near where he was born in 1903?

  _____

- He built his workers homes too. A _____ formed with schools, stores, and a zoo.

- In 1905, the town was named _____
  _____.

- A _____ is a building where products are made in large numbers.

- What would you name your town?

  _____

Contributions

- Milton cared about people and gave a lot of his money to what?

  _____

- An organization that raises money to help people in need is called a _____.

- When did Milton die?

  _____

- _____ means to travel to different places for sightseeing.

- Millions of people _____ his factory and _____ his town.

- His chocolate is still loved around the world.

Pebble Go

Milton Hershey

Name_____

http://cliparts.co/hershey-kiss-clip-art

Receive Your Stamp

Mona Lisa Ristorante

66 Main Street
Thomaston, CT

At dinner, your friend eats ¼ of their pizza. You eat ¼ of your pizza.

Explain with words or pictures how you could have eaten the most pizza.

NUTRITION

DIRECTIONS: Find and circle the vocabulary words in the grid. Look for them in all directions including backwards and diagonally.
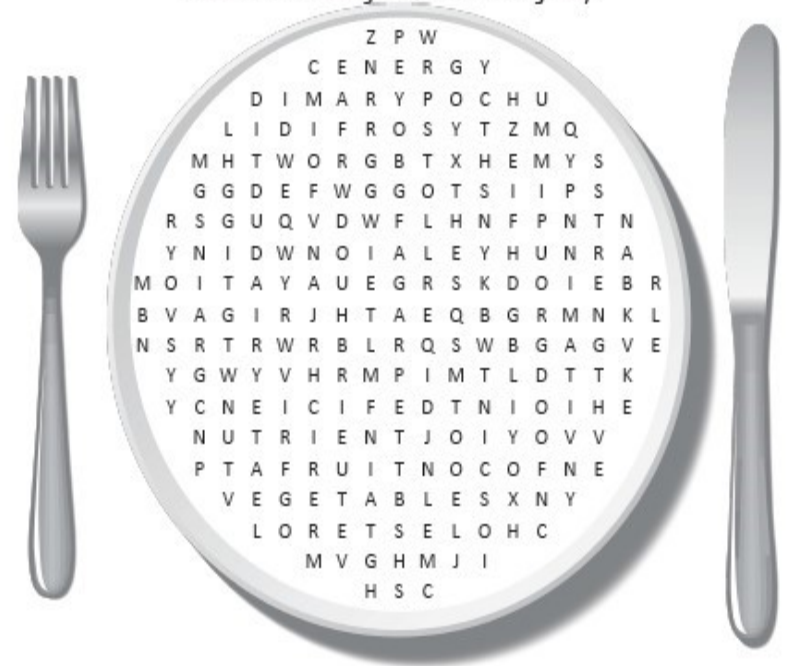
```
            Z P W
          C E N E R G Y
        D I M A R Y P O C H U
      L I D I F R O S Y T Z M Q
    M H T W O R G B T X H E M Y S
    G G D E F W G G O T S I I P S
  R S G U Q V D W F L H N F P N T N
  Y N I D W N O I A L E Y H U N R A
M O I T A Y A U E G R S K D O I E B R
B V A G I R J H T A E Q B G R M N K L
N S R T R W R B L R Q S W B G A G V E
Y G W Y V H R M P I M T L D T T K
Y C N E I C I F E D T N I O I H E
  N U T R I E N T J O I Y O V V
  P T A F R U I T N O C O F N E
  V E G E T A B L E S X N Y
    L O R E T S E L O H C
      M V G H M J I
        H S C
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CARBOHYDRATE	FOOD GROUP	NUTRIENT
CHOLESTEROL	FRUIT	NUTRITION
DAIRY	GRAINS	PROTEIN
DEFICIENCY	GROWTH	PYRAMID
DIGESTION	HEALTH	STRENGTH
ENERGY	MEAT	VEGETABLES
FAT	MINERAL	VITAMIN

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Receive Your Stamp

Adam's has a block of parmesan cheese that weighs 375 grams and another block of cheddar cheese that weighs 432 grams. How many grams of cheese does Adam's have? How much more cheddar cheese than parmesan cheese do they have?

Estimating Mass

- A paper clip has a mass of 1 gram.
- A bottle of water has a mass of 1 kilogram.

Look at the objects listed below. Circle the objects you would measure in grams. Draw a line under the objects you would measure in kilograms.

car	textbook	balloon	horse	pencil
spoon	sock	skateboard	piece of paper	couch

Draw a line to match the object with its estimated mass.

Slice of bread	16,000 kilograms
Kitten	181 kilograms
Fire truck	5 grams
Refrigerator	25 grams
Leaf	4 kilograms
Mirror	100 grams
Bed	400 grams
Boot	22 kilograms

1 When might you need to estimate the mass of an object?

2 How does knowing the mass of a paper clip and a bottle of water help you estimate?

Understanding of Comparing Fractions

Write the fractions for the shaded parts in problems 1–2. Circle the fraction that is _greater_.

1

2
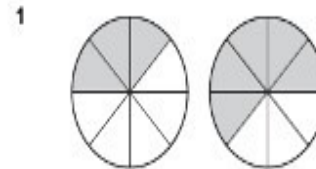
Fractions: _____   _____   Fractions: _____   _____

Write the fractions for the shaded parts in problems 3–4. Circle the fraction that is _less_.

3

4
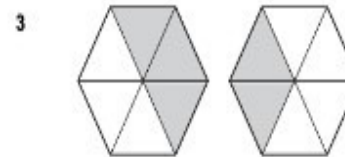
Fractions: _____   _____   Fractions: _____   _____

5 Label the fractions $\frac{2}{4}$ and $\frac{2}{6}$ on the number lines. Then circle the fraction that is _greater_.
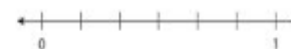
6 Label the fractions $\frac{1}{8}$ and $\frac{1}{2}$ on the number lines. Then circle the fraction that is _less_.

Mona Lisa Ristorante

66 Main Street
Thomaston, CT

Brainstorm what your Superhero
identity would be. Use the next page
to showcase your superpowers and
costume!

Narrator 3	Using the lid like a cookie cutter, Hanson cut the center from each blob of dough.
Ship's Cook	Gregory! What kind of fool thing have you gone and done?!
Hanson Gregory	Without the center to soak up the grease, these rings should cook evenly.
Sailor 1	I never saw a sinker with a hole in the middle.
Sailor 2	Smells good, though. I'm giving one a taste!
Narrator 4	The watch had just ended and the galley filled with sailors.
Ship's Cook	Sorry, men. Hanson got it into his head to change up the sinkers this morning.
Hanson Gregory	Just give them a taste! Tell me what you think.
Sailor 1 and Sailor 2	(together) Aaaaahhhhhhhhhhhhhh! These cakes are delightful!
Narrator 1	The cakes were brown,
Narrator 2	and sweet,
Narrator 3	and fully cooked.
Narrator 4	A new breakfast tradition was born!
Hanson Gregory	Wait until I tell my mom about this!

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Your
Stamp
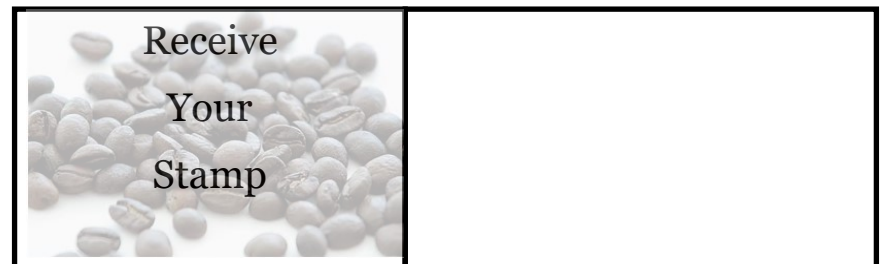
Narrator 3	Then he formed balls of sweetened dough.
Narrator 4	Hanson laid the cakes out in rows on the dining room table.
Sailor 1	The lard, made from animal fat, is getting hot and bubbly.
Sailor 2	My stomach is starting to growl!
Ship's Cook	Gregory, drop the first batch!
Hanson Gregory	Coming right up!
Narrator 1	Hanson dropped the cakes into the bubbling lard.
Narrator 2	An iron railing kept the pot from sliding off the stove as the ship bucked and plunged through the sea.
Narrator 3	The delicious smell of browning sugar filled the galley.
Narrator 4	Hanson spooned the first cooked batch onto a platter.
Sailor 1	They look sweet and crispy, at least around the edges.
Sailor 2	Too bad the centers are still raw dough full of grease.
Narrator 1	As Hanson shaped another batch, he was struck by an idea.
Hanson Gregory	Hey, I know how to fix these sinkers!
Narrator 2	He took the large metal lid off the pepper can.

Name:_____

My SUPERHERO IDENTITY
TOP SECRET

My superhero name is:
_____

WOOF

My special powers are:
_____
_____
_____

Why I became a superhero and how I got my powers:
_____
_____

My costume looks like:
_____
_____
_____

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MONA LISA RISTORANTE

Thomaston Lanes

It takes you 10 minutes to get to Thomaston lanes from your house. If you arrive at the bowling alley at 5:23pm, what time did you leave your house?

The Hole Story of the Doughnut
A true story by Pat Miller

Characters: 16 year-old Hanson Gregory   ship's cook

sailor 1   sailor 2

narrator 1   narrator 2

narrator 3   narrator 4

Narrator 1	In 1844, Hanson Gregory was just 13 when he went to sea.
Narrator 2	He left the family farm and became a cabin boy on a schooner.
Narrator 3	He quickly rose to cook's assistant and was put to work high in the rigging to work the sails.
Narrator 4	He did this for several years, until the fateful morning of June 22, 1847.
Ship's Cook	Look lively, Gregory. The men will be hungry when they come off the watch.
Hanson Gregory	I'm ready. I've already got the coffee on the stove and am starting to make the sinkers.
Sailor 1	Sinkers is what we call the heavy, oil-soaked pastry we have for breakfast most mornings.
Sailor 2	Those greasy things drop in the stomach like cannon balls!
Ship's Cook	That fire's not hot enough. Hand me more wood to toss into the stove.
Narrator 1	The pans in the galley (what they call the kitchen on a ship) clanged together as the ship rode the waves.
Narrator 2	Hanson mixed the ingredients together in a large bowl.

Reader's Theater offers an entertaining and engaging means of improving fluency and enhancing comprehension. The Reader's Theater Script is based on the history of the doughnut. There are multiple character parts that you can choose from. You can read for one character or read for many characters. Have fun with acting out the scenes or reading with an accent. Put your own personal flair to the words on the paper. Make the story come to life. Enjoy!

Finding the Start Time in Word Problems

Read and solve the problems. Include AM or PM in your answers. Show your work.

1   Caleb finishes breakfast at 7:15 AM. Tell what time he started breakfast if it took the given number of minutes.

   a. 10 minutes _____

   b. 15 minutes _____

   c. 20 minutes _____

   d. 25 minutes _____

   e. 26 minutes _____

2   Melanie finishes washing the dishes at 6:20 PM. Tell what time she started washing dishes if it took the given number of minutes.

   a. 5 minutes _____

   b. 10 minutes _____

   c. 15 minutes _____

   d. 20 minutes _____

   e. 25 minutes

3   Lilly gets to school at 8:05 AM. It takes her 12 minutes to walk to school from her house. At what time did she leave home?

_____

4   Ryan gets off the bus at 4:09 PM. He rides the bus for 17 minutes to get home from school. At what time does Ryan get on the bus?

_____

5   Nicole finishes walking at 5:15 PM. She walked away from her house for 17 minutes, and then she walked back home, which also took 17 minutes. At what time did Nicole leave her house to start walking?

_____

6   Mr. Andrew wants to serve pizza at 1:10 PM. He has to make the pizza, which takes 15 minutes, and then bake the pizza for 25 minutes. At what time should he start preparing the pizza?

_____

7   Check your answer to one of the problems by using another strategy. Show your work.

Thomaston Lanes

Imagine you are a bowling shoe. Write about "A Day in The Life of A Bowling Shoe". What is it like to be a bowling shoe? Don't forget to include strong details to let the reader feel, smell, taste, see, and hear what It's like. You can use your own paper to staple into the passport if you wish.

Author:_____

Finding an Unknown Side Length

⊞ **Read and solve the problems. Show your work.**

1 A triangle has sides that are all the same length. If the perimeter of the triangle is 27 inches, what is the length of one side?

_____ inches

2 A rectangle has a perimeter of 54 inches. The length of the rectangle is 15 inches. What is the width?

_____ inches

3 The perimeter of this shape is 28 inches. What is the missing side length?

? ; 3 in.; 3 in.; 5 in.; 5 in.; 8 in.

_____ inches

4 The perimeter of this rectangle is 34 feet. What is the width of the rectangle?

11 ft; ? ft

_____ feet

5 The perimeter of this shape is 41 inches. The unknown sides are equal in length. What is the length of one of the unknown sides?

? ; 11 in.; 11 in.; 9 in.

_____ inches

6 A hexagon has a perimeter of 54 yards. If each of the 6 sides is the same length, what is the length of one side of the hexagon?

_____ yards

7 Explain how you found the missing side length in problem 6.

Tony's Coffee Express

Solve It:

Tony's uses a rectangular box for their donuts. The length of the box is 18 inches and the width is 6 inches. What is the perimeter of the box? What is the area of the box?

Author:_____

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