

Fifth Grade Friends -

As we finish up this school year much differently than we thought we would, we want to tell you how much we have enjoyed having you as students. We know that you will be great 6th grade students if you continue to give your best effort!

We have printed out some summer activities for you that will help prepare you for the beginning of sixth grade. Have fun with them! You might also want to check out the following websites for additional activities:

Mathfactcafe.com

Factmonster.com

classroommagazines.scholastic.com/support/learnathome.html

Have a safe and happy summer!

Mrs. Bender, Ms. Jennings, Mrs. Keown, Mrs. Strohm

Josh Runs a 5K

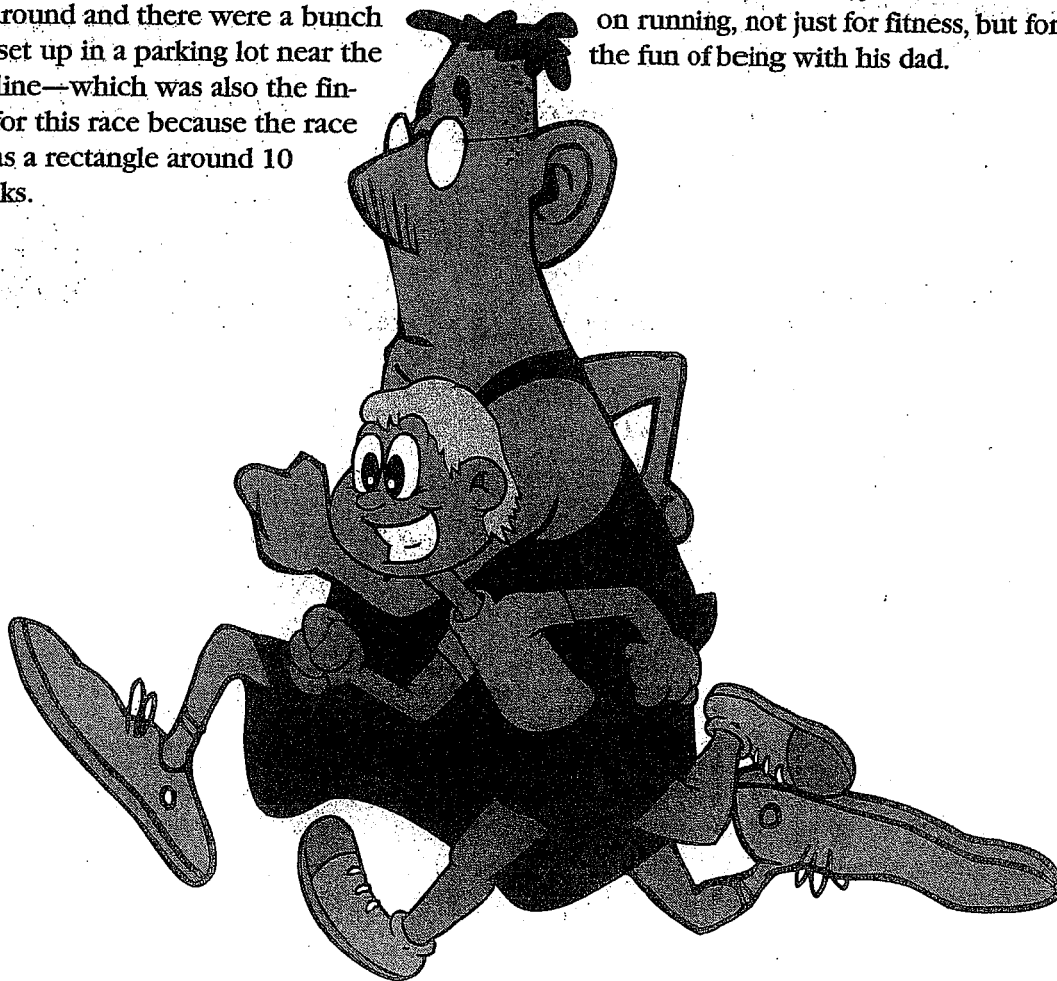
Six o'clock was way too early to wake up on a Saturday morning, but when his dad came to get him, Josh pulled himself out of bed. He rubbed his eyes so he could see clearly enough to find his running clothes on the chair where he had lain them out the night before. He had a tee shirt, shorts, running shoes, and socks.

When he was dressed, he went downstairs to meet his dad in the kitchen. They were dressed just alike. They always dressed alike to run, usually with no shirt on, but this was Josh's first race, a 5K. His dad had told him to wear a tee shirt. Always wear a shirt in a race, his dad had told him.

They drove to the start really early so they could get in and park before the race committee closed off the streets for the race. Josh could not believe all the people there. It was loud, too. There were hundreds of runners milling around and there were a bunch of tents set up in a parking lot near the starting line—which was also the finish line for this race because the race route was a rectangle around 10 city blocks.

Josh drank a cup of water and ate a nutrition bar his dad had brought. He had trained for the race, but was a little nervous because he had never run with this many people. He and his dad went to the portable toilet and then to the starting line.

At the start of the race, everyone moved very slowly because they had been standing so close together before the start. Josh and his dad ran around some people before they established their usual pace for a 5K. A 5K is five kilometers, which is 3.1 miles. Josh and his dad kept the same pace the entire race. They even ran faster to the finish line. After crossing the finish line, they went over to the tents and got a tee shirt with the 5K race name on it. Josh got water, a bagel and a banana from one of the tents. Before he had finished eating, his mom came up and took a picture of him with his dad. From that moment, Josh was hooked on running, not just for fitness, but for the fun of being with his dad.



Name



READING CHALLENGE

After reading "Josh Runs a 5K," answer the following questions.

.....

1. **Why did Josh get up at 6 a.m.?**
 - A. because his father needed him to help do some things
 - B. because he was going to be in a road race
 - C. because he had to go to school
 - D. because he was running late

2. **What did Josh wear to the race?**
 - A. tee shirt, running shoes, and shorts and socks
 - B. running shorts, shoes and socks
 - C. shorts, tee shirt and running shoes
 - D. shorts, tee shirt and shoes

3. **How many city blocks made up the race route?**
 - A. 10 city blocks
 - B. nine city blocks
 - C. eight city blocks
 - D. one city block

4. **What did Josh eat before the race?**
 - A. a bagel
 - B. a candy bar
 - C. a nutrition bar
 - D. a banana

5. **How many miles is a 5K race?**
 - A. 31 miles
 - B. 3.1 miles
 - C. 13 miles
 - D. 31.1 miles

6. **What did Josh get after the race was over?**
 - A. a tee shirt, a banana and a cup of water
 - B. a tee shirt, a banana and a bagel
 - C. a tee shirt, a banana, a bagel and a cup of water
 - D. a tee shirt, a bagel and a picture

7. **After the race Josh wanted to continue being a runner because:**
 - A. He liked the crowds of people.
 - B. He liked the prizes and being with his dad.
 - C. He liked the fun of being with his Dad and the fitness.
 - D. He liked the excitement and the other runners.

8. **According to this story, Josh will _____ do another race.**
 - A. never
 - B. most likely
 - C. definitely
 - D. probably not



Visiting the Beach

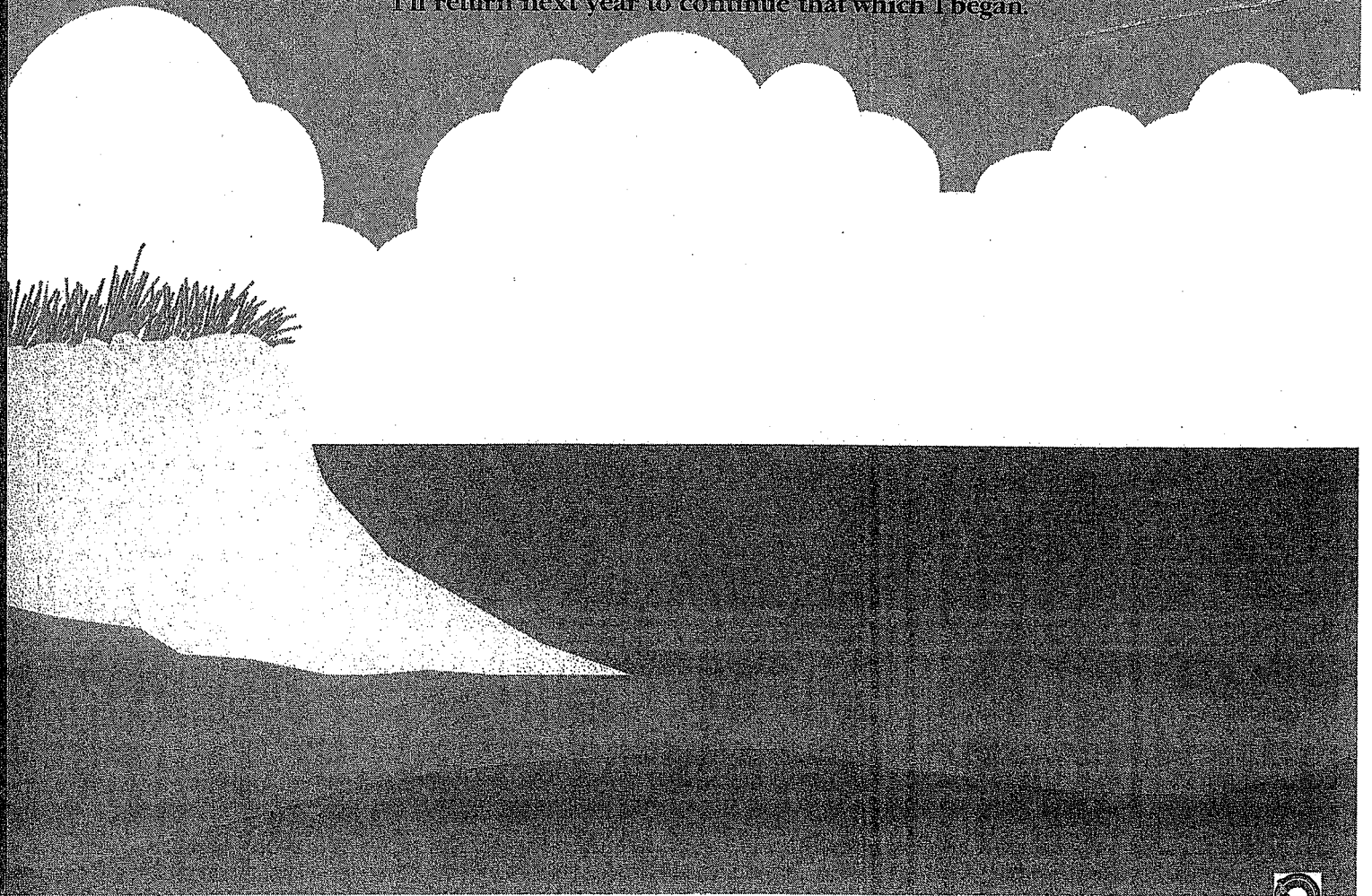
The beach is a pleasant place to visit,
Its beauty is natural and exquisite.

I go as often as I can
My feet love hiding in the sand.

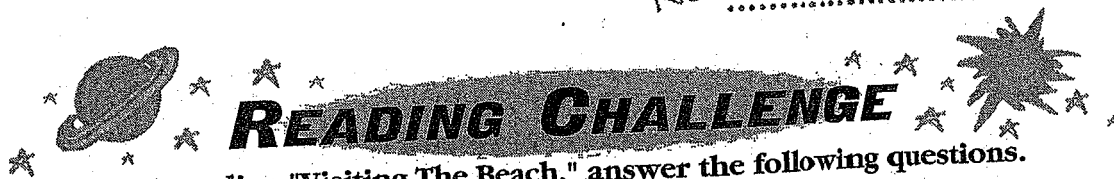
My dog likes the sundown walks we take.
He thinks the sea is a salty lake.

Though his paws get extremely gritty,
I love the sunset stroll, it's always pretty.

My friend the beach will be there again.
I'll return next year to continue that which I began.



Name



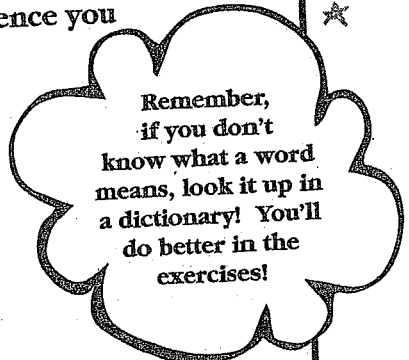
READING CHALLENGE

After reading "Visiting The Beach," answer the following questions.

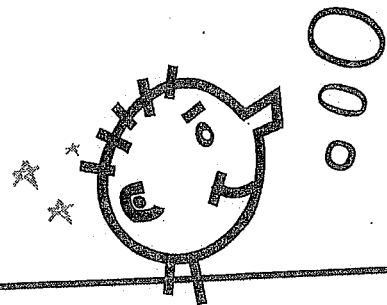
1. Who is the person walking on the beach with?
A. a friend
B. another person
C. a dog
D. no one
2. What words did the poet use to describe the beach?
A. pleasant, pretty, natural
B. pretty, exquisite and pleasant
C. pleasant, natural and exquisite
D. pleasant, salty and natural
3. Why does the author compare the beach to a lake?
A. because the dog thinks all water is a lake
B. because the dog has discovered the sea's water is salty and lake water is not
C. because the poet knows beaches are better than lakes
D. because the dog doesn't like beaches or lakes
4. What is the person in the poem referring to as "my friend?"
A. the beach
B. the dog
C. the sea
D. someone else
5. What does the author mean in the last stanza, "continue that which I began?"
A. The person will continue to take his or her dog on beach walks.
B. The person will continue to take trips to the beach.
C. The person will continue to taste the salty water.
D. The person will teach the dog to get less dirty.

Write About It:

Have you ever visited a beach? Would you like to? Write about an experience you have had, or would like to have, in the space below.



Remember, if you don't know what a word means, look it up in a dictionary! You'll do better in the exercises!



Total Correct _____

Terrapin Golf

Drew got his new golf clubs for his eighth birthday and liked to go out and play after school. His back yard was right on the fourteenth fairway of the Turtle Creek Golf Club. His dad had told him to take just one club at a time when he went by himself to practice, explaining that he was less likely to leave a club on the golf course if he only had one to hit with.

Tuesday had been a rough day at school. Drew had left his homework at home, so he didn't have it to turn in for math class. He had dropped half of his sandwich on the floor during lunch, and he ran late to carpool so his sister and babysitter were mad when he finally got to the car. When they got home and he finished his snack and homework, Drew took his five iron and his favorite golf ball out to the golf course. He waited for some ladies to play through the fairway and then he teed up his ball. He hit it very hard. It went straight down the fairway and landed in the short grass.

"Things are looking up," he said to himself, and went to find his ball. He lined up to hit the ball over Turtle Creek, which ran across the fairway between Drew's ball and the fourteenth green. He swung his club, hit the ball, and the ball flew up high—too high and too short. Plop! It landed right in Turtle Creek. Drew ran to the edge of the creek to see if he could find his ball. He could not see it.

"Did the turtle get your ball?" asked a golfer who had come up behind Drew and was helping him look in the creek.

"I guess so," Drew said. "I hit it up high and it landed in the middle of this creek."

"I bet that old Tommy Terrapin got it," the golfer laughed.

"Who's that?" Drew asked.

"Tommy's the big turtle that lives in Turtle Creek," the golfer explained. "That's how it got its name. Terrapin is another word for turtle." Just then a rock moved in the creek.

"Look at that," Drew pointed, and then he saw his golf ball right where the rock had been.

Looking closer, he saw that it wasn't a rock, but a turtle the size of a bowling ball.

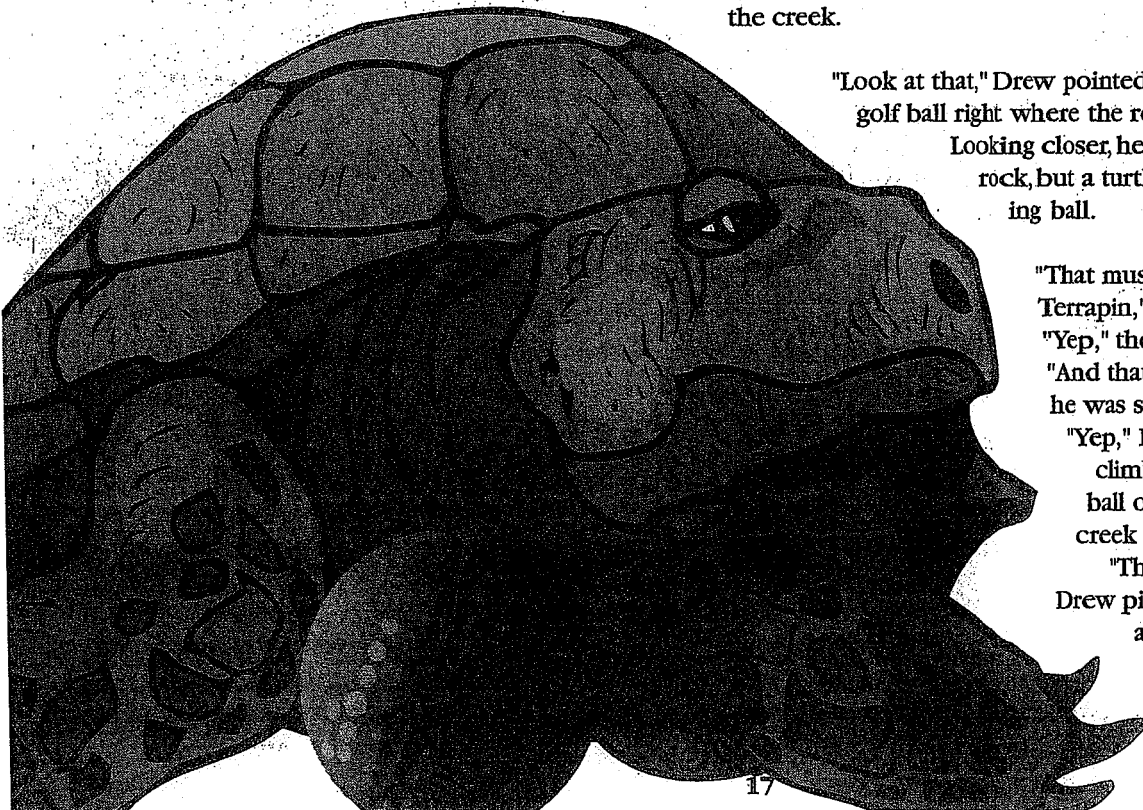
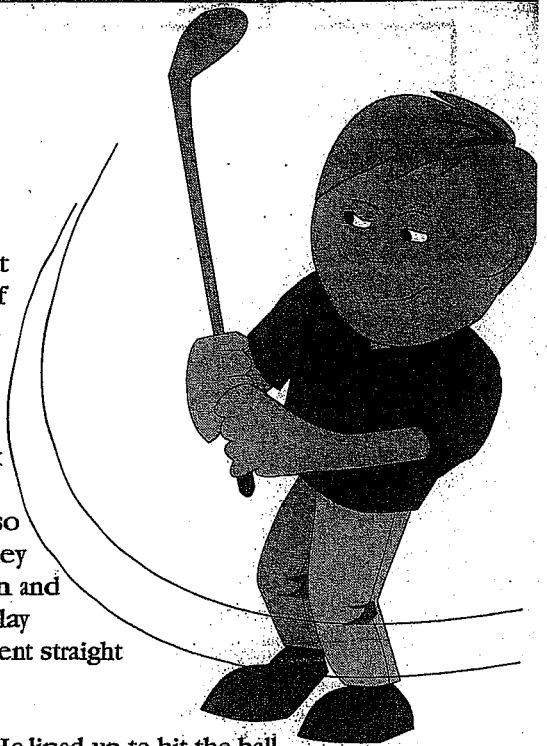
"That must be Tom my Terrapin," Drew said.

"Yep," the golfer laughed.

"And that must be your ball he was sitting on."

"Yep," Drew said, as he climbed down to get his ball out of the shallow creek water.

"Thanks, Tom," he said. Drew picked up his five iron and ran home for supper.

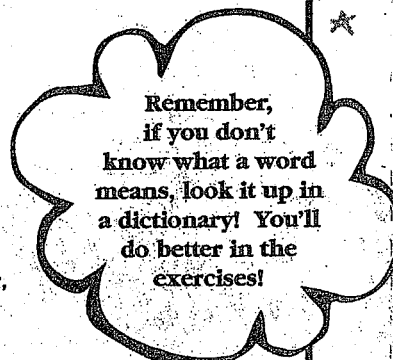




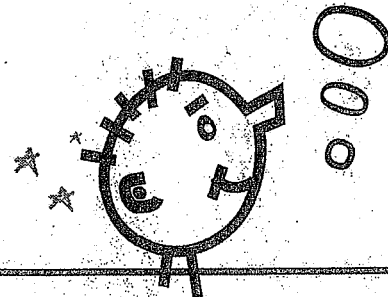
READING CHALLENGE

After reading "Terrapin Golf," answer the following questions.

1. How old was Drew when he received his new golf clubs?
A. 7 B. 9 C. 8 D. 6
2. Which fairway was Drew's house near?
A. 13th B. 14th C. 15th D. 16th
3. Why was Tuesday a bad day for Drew?
A. He dropped his lunch and forgot his homework.
B. He forgot his homework and his carpool was late.
C. He dropped his snack on the golf course.
D. He forgot his homework, dropped his sandwich and ran late to carpool.
4. What is another word for "terrapiin"?
A. terrible B. trouble C. turtle D. Tommy
5. Why did the rock in the creek move?
A. so Drew could get his golf ball out of the water
B. it wasn't a rock, it was a turtle
C. it didn't really move, it just looked that way
D. so Drew could keep playing with the other golfer
6. Who did Drew talk to on the golf course?
A. his babysitter B. the turtle C. another golfer D. his sister
7. Drew finally found his lost ball in the _____.
A. bushes beside the fairway
B. creek under the turtle
C. woods behind a tree
D. edge of the fairway beside some flowers
8. After playing golf Tuesday, where did Drew go?
A. to his dad's house
B. home for supper
C. to play with Tommy
D. back to the golf clubhouse



Remember,
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know what a word
means, look it up in
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exercises!



Total Correct _____

Grandpa's Chair

A gold- and brown-striped chair sits in the room,
 Completely unsightly.
 I've never known him to own another chair,
 Just that.
 Perhaps it is like a timepiece for him,
 Of life.
 My mother says he is too stubborn.
 He disagrees,
 It is history in the form of a cushion,
 Somewhat torn.
 There won't be one to replace it,
 Not ever.
 Grandpa knows that chair, and needs its
 support.
 They are old now.


READING CHALLENGE

After reading "Grandpa's Chair," answer the following questions.

1. In the poem, old refers to:

| | |
|--------------|--------------------------|
| A. the chair | C. the chair and grandpa |
| B. grandpa | D. time |

2. What does the author mean by "history in a cushion?"
 - A. cushions have been around a long time
 - B. time makes cushions more comfortable
 - C. the cushion has been through many memorable years in the room
 - D. the cushion needs replacing

3. Why will Grandpa not get a new chair?

| | |
|-----------------------------------|--------------------------------------|
| A. He can't afford to buy one. | C. He can't find another gold one. |
| B. He likes the old one too much. | D. He doesn't know where to get one. |

4. What is meant by "Grandpa needs the chair's support?"
 - A. He needs the memories and a place to sit.
 - B. He needs the house to be furnished.
 - C. He can't stand up.
 - D. He prefers old furniture to new furniture.



Strength

She'd watch over the prairie waiting for rain.
Sometimes it was weeks before it finally came.

She helped the calf be born from its mother.
It seemed like they already knew one another.

In the kitchen she baked cakes and warm bread.
She cleaned and sewed before going to bed.

Her home was a pleasant little cabin out west.
She knew her tasks were those she liked best.

Her strength and her work, her family admired,
She gave it her all, though eventually tired.

Her beauty was her and not just her face,
She'd smile at her children and keep up her pace.

She loved the land and all the things living,
Her thoughts were many and her heart always giving.

She never grew sad of her place in life's book.
She lived to see good, and that's all it took.



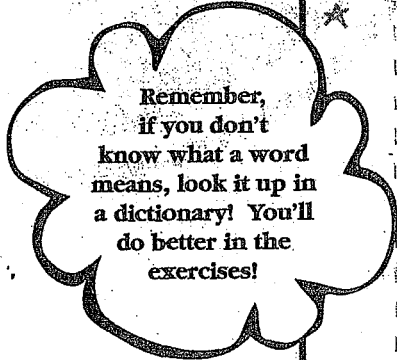
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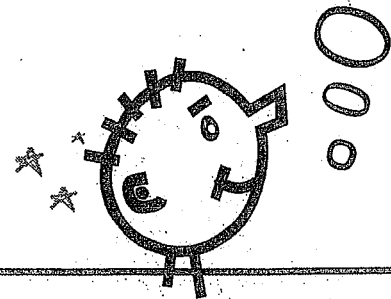
READING CHALLENGE

After reading "Strength," answer the following questions.

1. Who is the author describing in the poem?
 - A. a woman working for a farmer
 - B. a mother taking care of her many duties
 - C. a sister helping her brother
 - D. a daughter helping her parents
2. When does the poem seem to take place?
 - A. today
 - B. in ancient times
 - C. in early American times
 - D. in the future
3. How does the author help you realize the person is on a busy farm?
 - A. by mentioning baking and helping children
 - B. by mentioning a calf and the prairie
 - C. by mentioning work and a cabin
 - D. by mentioning a kitchen and the lack of rain
4. What is meant by "keep up her pace?"
 - A. She is a very fast worker.
 - B. She has a lot of work to do before it rains.
 - C. She has a lot of work to do each day as a wife and a mother.
 - D. She is good at working and taking care of children.
5. How does the author let you know the character is happy?
 - A. by stating that she loves living things
 - B. by stating that she doesn't mind helping the calf
 - C. by stating that her heart is always giving
 - D. by stating that she is not sad of her place in life
6. In the space below, describe the images this poem made you see in your mind.



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exercises!



HURRICANE BOB

The newspaper and television news headlines stated that the East Coast had not seen a hurricane like "Bob" in about thirty years. Entire towns were destroyed. People were slowly coming back to see what was left of their homes. Dawn and Greg were two of those people. They had evacuated to a shelter set up by a charity organization for hurricane victims. They were tired, sleepy and hungry. Unfortunately, there was nothing they could do about their problems.

The couple began looking at the damage all around their place as well as the other houses in their subdivision. They all looked as if the eastern sides were falling apart. Then, Greg saw his dad Ken walking toward them. He said he had come to help. He lived in a town about two hours away and had heard about the damage. He said he could stay for about a week. He could help clean up and do repairs. Ken was an electrical engineer and would be a great help to Greg and Dawn as they rebuilt their home.

Within the next week, work crews came in to clean up really huge pieces of debris and tree limbs. The large garbage dumpster that the county placed in the subdivision had to be taken and dumped every other day. Everyone in the subdivision was working very hard on the big cleanup. The damage the storm had done was really hard to believe.

Little by little the houses were rebuilt. Dawn and Greg were very happy about the positive outlook their neighbors had. The whole community was beginning to be restored. Hopefully, there would not be another hurricane for quite a while.

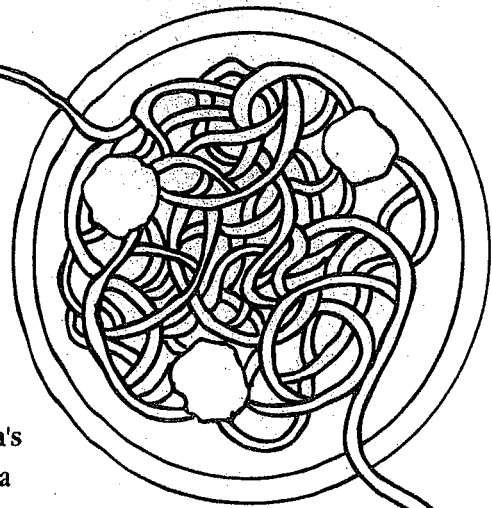


READING CHALLENGE

After reading "Hurricane Bob," answer the following questions.

1. What type of storm hit the community?
2. Why was a shelter set up for people?
3. Who was Ken?
4. How long did it take for the work crews to come to clean up debris?
5. What does the term "evacuate" mean?

Chef Wendy's Special Ingredient



Wendy wanted to become better friends with Tom, her mom's boyfriend, so she decided to surprise her mother and Tom with a spaghetti dinner. She knew that on Friday nights Tom always came over, and they could never think of a restaurant they wanted to go to for dinner. Wendy knew Tom liked spaghetti.

Wendy planned ahead. On Wednesday, she asked her mom to get ground beef, tomato sauce and tomato paste, angel hair pasta, stuff for salad, and a baguette (an Italian kind of bread). Her mom looked at her funny but didn't say anything.

"Tom is coming over on Friday, right?" Wendy asked.

"Yes," her mother said. "Why?"

"I was just making sure," said Wendy. She figured her mother had caught on, but because she didn't say anything, Wendy knew she would keep the secret.

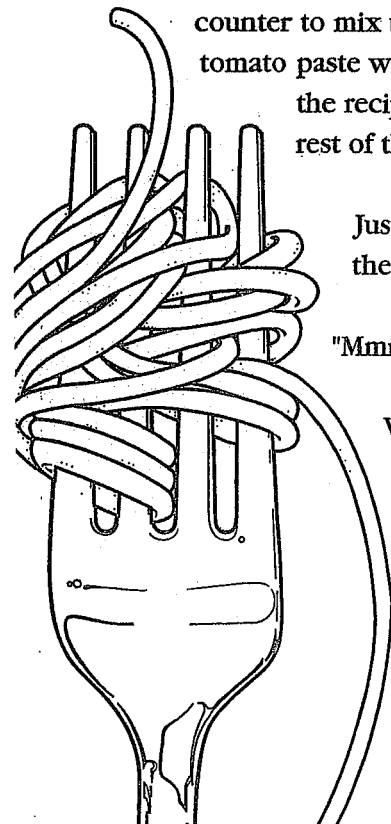
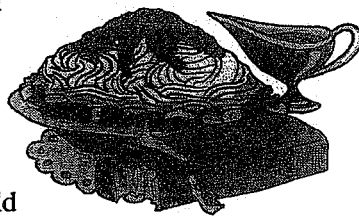
On Friday, as soon as she got in from school, Wendy started cooking the ground beef. Her sitter helped her brown it in a skillet. When the meat was done, Wendy remembered her snack—a candy bar made of solid chocolate. She got it out of her book bag, opened it, and took a bite. It was so good! Then, with her candy bar in her hand, she climbed up on the stool by the counter to mix the spaghetti sauce. Somehow, as Wendy was mixing the tomato sauce and tomato paste with the other ingredients and pouring it over the ground beef as her sitter read the recipe to her, Wendy took a bite of the candy bar and accidentally dropped the rest of the candy bar into the spaghetti!

Just then, Wendy's mother and Tom came home and followed the smell into the kitchen.

"Mmm, spaghetti," Tom said. "My favorite dinner from my favorite chef."

Wendy just smiled and stirred the sauce.

Later, when they sat down to eat, Tom and Wendy's mother both bragged about the spaghetti. Tom even had a second helping! Wendy secretly thought the sauce tasted funny, but everyone else said it was the best spaghetti ever and from now on, Wendy would be the head spaghetti chef in this house!





READING CHALLENGE

After reading "Chef Wendy's Special Ingredient," answer the following questions.

1. What dish was Wendy trying to prepare?
A. spaghetti B. hamburgers C. lasagna D. hot dogs
2. Who was going to eat dinner with Wendy?
A. Tom, Wendy and her mom C. Tom and Wendy
B. Tom and her mom D. Wendy and Mom
3. What did Wendy start cooking with help from her sitter?
A. hamburgers B. chocolate C. beef D. spaghetti
4. What was Wendy's "special" ingredient?
A. tomato sauce B. spices C. chocolate D. ketchup
5. Why was Wendy eating a candy bar?
A. Her sitter gave it to her. C. Tom gave it to her.
B. It was her snack. D. She found it in the cupboard.
6. Who read the recipe to Wendy while she was cooking?
A. her sister B. her sitter C. her mom D. Tom
7. Why did Wendy put the special ingredient in her spaghetti?
A. She wanted to try new tasting spaghetti.
B. She had heard that it would taste really good.
C. She didn't mean to, it was an accident.
D. She was hoping it would make the spaghetti sweeter.
8. How did the dinner guests react to the spaghetti with a "special" ingredient?
A. They loved it.
B. They didn't notice.
C. They suggested it was too much chocolate.
D. They suggested fruits instead.

Try It Out

Have you ever tried an old recipe a new way? The kitchen is a great place to do all kinds of experiments. Delicious results can often come from a new ingredient in an old recipe. Be creative!

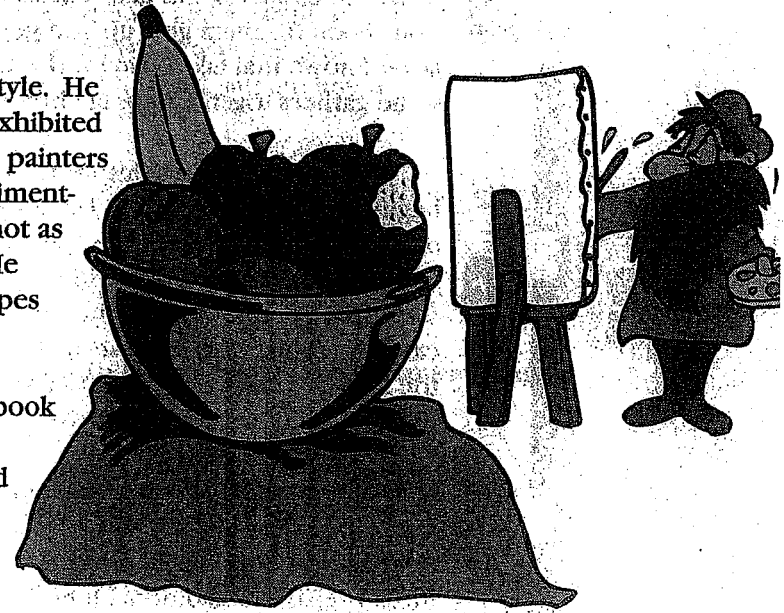
Name

Raoul Dufy

A French impressionist painter, Raoul Dufy, was a part of the Fauve movement in the early 1900's. These painters focused on brilliant and deliberate work. A friend and contemporary of Matisse, Dufy painted horse races, landscapes and festivals. He had a beautiful use of color and images in his work. He often chose to paint scenes that depicted a fun and carefree world.

By 1920, he had perfected his own style. He received a great deal of attention when he exhibited some of his work in shows along with other painters of the Fauve movement. However, he experimented in the Picasso style of cubism. This was not as enjoyable to him, as it seemed restrictive. He soon returned to his bright, carefree landscapes and figures.

His career included tapestry design, book illustrations, theater costumes and sets, and some woodcuts. Dufy lived in Paris, and died in 1953 at the age of seventy-six. Today, his work is a part of private collections, and reprints are often seen on stationery, cards and other decorative items.



READING CHALLENGE

After reading "Raoul Dufy," answer the following questions.

- What were some of Dufy's paintings?

| | |
|------------------------------------------|-----------------------------------|
| A. people, animals and landscapes | C. houses, horses and children |
| B. landscapes, horse races and festivals | D. parties, churches and sea life |
- Who was a fellow painter and Fauve stylist of Dufy?

| | | | |
|----------|------------|------------|-----------|
| A. Monet | B. Matisse | C. Picasso | D. Renoir |
|----------|------------|------------|-----------|
- What style of Picasso's did Dufy try?

| | | | |
|----------------|-------------|----------------|-----------|
| A. woodworking | B. sketches | C. water color | D. cubism |
|----------------|-------------|----------------|-----------|
- Which best describes Dufy's work?

| | |
|------------------------------------|---------------------------------------|
| A. They were large and colorful. | C. They were bright and carefree. |
| B. They were bold and restrictive. | D. They were small and light colored. |
- How old was Dufy when he died in 1953?

| | | | |
|-------|-------|-------|-------|
| A. 75 | B. 67 | C. 76 | D. 77 |
|-------|-------|-------|-------|



New Year's Day

Usually at about nine o'clock in the morning, Jason is wide awake on January first. He gets up and takes his dog, Danny, outside for a walk. He comes in and gets a glass of orange juice and watches television. Soon his mom gets up and goes in the kitchen to make breakfast. Jason knows that taking down the Christmas tree is the job of the day, so he gathers together storage boxes from the storage closet.

Jason's father comes into the family room, sees the activity and begins to help. He reminds Jason that the football games will begin at one o'clock in the afternoon. Jason and his parents sit around the table for breakfast. They all pitch in and take off the ornaments from the tree. Jason and his mom gently wrap each ornament and place them carefully in the boxes to use again next year. Next, it is time to remove the lights. Jason helps his father, while his mom travels from room to room collecting all of the Christmas decorations.

Soon, everything is packed and the boxes are stored for another year. The television displays gorgeous floats and spirited performers as the parade spirals through the routes of adoring bystanders. Jason's mom prepares a traditional lunch of ham sandwiches, chips and dip with pop to drink. Each of them fills their plate and gets comfortable in front of the television for hours of football games.

Danny naps on the floor off and on, and Jason tugs on his tail to wake him for some fun. The day is just one big vacation, and Jason loves it. His family is together, there is plenty of food, and college football is at its best. The new year can't be that bad if it starts off like this!

| | | | | |
|---|---|----|----|----|
| 2 | 9 | 16 | 23 | 30 |
| 1 | 8 | 15 | 22 | 29 |
| X | | 14 | 21 | 28 |

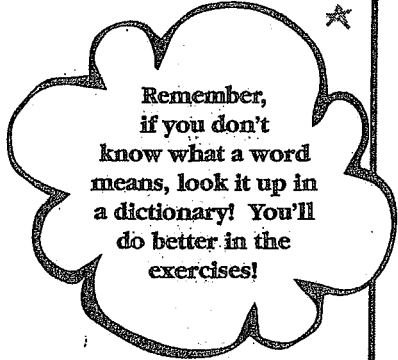
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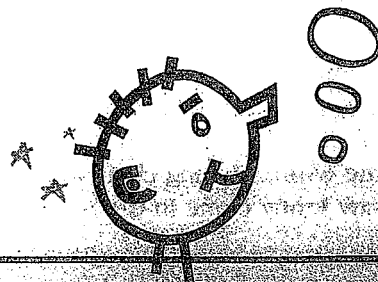
READING CHALLENGE

After reading "New Year's Day," answer the following questions.

1. What did Jason's family do every year on New Year's Day?
 - A. watched parades and ate lunch and watched football
 - B. packed up Christmas decorations, watched parades and football, and ate lunch
 - C. cleaned up, ate pastries, watched parades and played with the dog
 - D. put away Christmas gifts, watched parades and football, and ate lunch
2. What was Jason's dog's name?
 - A. Fletch
 - B. Cinnamon
 - C. Danny
 - D. not given
3. What time did Jason get up on January first?
 - A. 10:00 a.m.
 - B. 8:00 a.m.
 - C. 9:00 a.m.
 - D. 9:30 a.m.
4. Where are Jason's parents when he gets up to begin packing Christmas things?
 - A. They are at work.
 - B. They are watching television.
 - C. They are still asleep.
 - D. They are eating breakfast.
5. Where does Jason's family go on New Year's Day?
 - A. They go to some parades.
 - B. They go to football games.
 - C. They go to some friend's house.
 - D. They do not go anywhere.
6. Why does Jason like January first so much?
 - A. because it is relaxing and fun
 - B. because he is with Danny
 - C. because the parades are so good
 - D. because he loves football
7. What is unique to people about January 1st every year?
 - A. it is the only day the t.v. shows parades
 - B. it is the day more football games are on t.v. than ever
 - C. it is the first day of the new year
 - D. it is the last day Jason has before homework
8. Why does Jason tug on Danny's tail?
 - A. He wants him to laugh.
 - B. He is being mean to him.
 - C. He is just playing with him.
 - D. He is trying to wake him up.



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Name

Doggone Tired

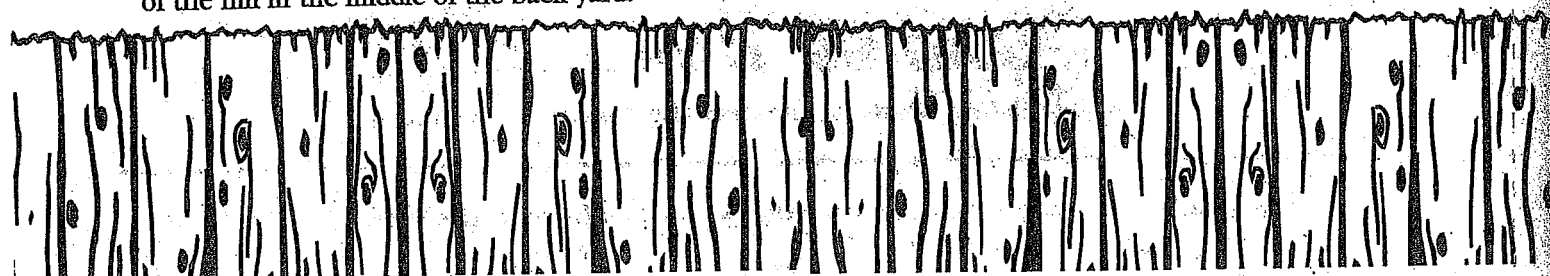
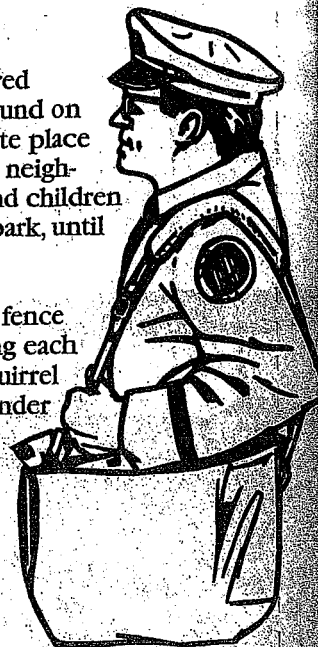
Kelly and Taffy like to play together. They are dogs. Kelly is a purebred Pembroke Welsh Corgi and Taffy is a mutt; half Dachshund, half Beagle. Kelly likes to roll around on the ground and Taffy likes to run. Taffy especially likes it when Kelly chases her. Their favorite place is the back yard. From a hill in the middle of the back yard they could see almost the whole neighborhood. Taffy will sit on the hill for hours without moving and watch the birds, squirrels and children playing. When other dogs walk by, Kelly and Taffy stand together on the hill and bark, bark, bark, until the other dogs disappear down the street.

One day, Kelly dug a tunnel under the back yard fence. Taffy saw Kelly go under the fence and followed her out of the back yard. They ran as fast as they could down the street, chasing each other and barking. They saw the mailman and barked at him as they ran past. Taffy saw a squirrel and chased it up a tall oak tree. Kelly followed, but she was tired of running and sat down under the tree. Taffy was panting from all of the running and barking, so she sat down too. They sat back to back, so they could face opposite directions. As far as they could see, there was no water and no food. They were very thirsty.

Kelly started walking back, trying to find the hole in the fence, Taffy followed. They looked at a lot of fences, but none had a hole under them.

None of the yards smelled like home. Thirsty and tired, they sat down under a tree beside the road. The mailman drove past and saw them. He stopped his truck and walked over to them. They just looked up at him, no barking this time.

"Ah ha," he said. "Got yourselves lost, did you?" He picked them up and took them home in the mail truck. He put them in the back yard and put a big rock in the hole under the fence. Kelly and Taffy ran straight to their water bowl and gulped water. As the mailman drove off, he saw them sitting on top of the hill in the middle of the back yard.



READING CHALLENGE

After reading "Dog-gone Tired," answer the following questions.

Number the events listed below in the sequence they appear in the story. Refer to the story if necessary.

1. _____ Kelly and Taffy rode on the mail truck.
2. _____ The dogs became thirsty and tired.
3. _____ The mail truck drove off, and the mailman saw the dogs sitting on top of the hill.
4. _____ Kelly dug a tunnel under the back yard fence.
5. _____ Taffy chased a squirrel up an oak tree.
6. _____ The mailman spoke to the dogs.
7. _____ The mailman put a big rock in the hole under the fence.
8. _____ Taffy followed Kelly out of the back yard.

THE LONGEST SUMMER

Last summer I had to go live with my dad in Alabama. It started off to be the longest summer I ever had to live through.

There was nothing to do. He made it sound so great when he told me about it on the phone. I had other plans for the summer, like going to the pool with Jerry, my best friend, and playing kickball with the kids in the neighborhood. Also, mom always let me sleep late in the summer because she works at home. Mom is a writer and she never has to leave the house for work. Dad is different. He is almost never home.

Sometimes I wonder why my parents ever got divorced. They and Lisa's parents are divorced, and they still argue all the time. My parents never argue. They always work out the weekends I visit dad with no problem. As for this crazy summer, I don't know who thought this was a good idea. I was stuck in a small town in Alabama with nothing to do but play with my dad's beagle named Jack. Wow! Won't this be fun!

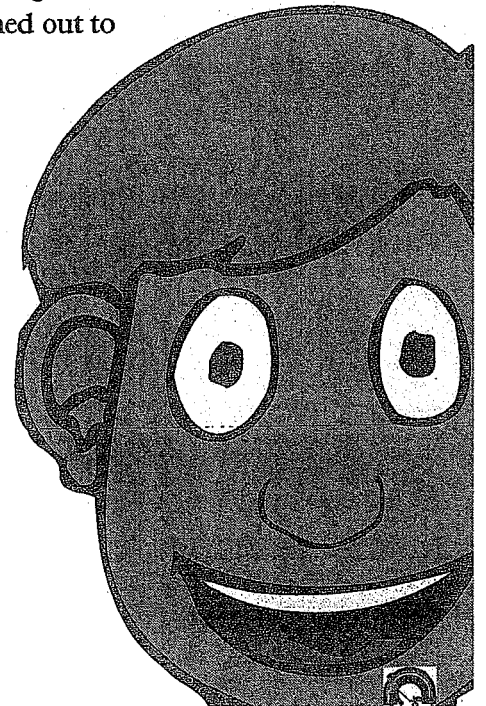
I was so mad about having to be there when, one day, my dad came home from his office and greeted me with a big smile and a set of airplane tickets. He said we were going to Florida to visit Disney World! That was the turning point of my whole summer. I knew things were improving. We left the very next day on a flight to Orlando.

We stayed with my dad's sister, Aunt Rachel, and my cousins, Alex and Ryan. All of us went to Disney World the next day. My uncle was out of town on business and missed out on all the fun. Alex, Ryan and I rode every ride together. We ate too much ice cream and too many french fries. It was great fun.

After visiting Disney World for three days, we went to the beach. We played in the ocean on big rafts and challenged the grown-ups to a beach volleyball game. Saturday came too fast; we were to fly out that evening. What I didn't know was that the flight was to Atlanta, Georgia, not Alabama. Dad and I stayed there for four days. We saw two Atlanta Braves baseball games, rafted the Chattahoochee River, and went to a live play at a theater. We had a wonderful time and were ready for some rest.

When we returned to Alabama, we unpacked our bags. It was great to be back at my dad's place. We rested and decided to go fishing the next day. A peaceful fishing trip was just what we needed. After the weekend passed I would be going back to my mom's. I guess the longest summer of

my life actually turned out to be the funniest!



Name



After reading "The Longest Summer," answer the following questions.

1. Why did the boy in the story go to Alabama for the summer?
A. to see his cousins
B. to visit his dad
C. to go to camp
D. to go to the beach

2. His father surprised him with airplane tickets to _____.
A. go back home
B. go to Disney World in Florida
C. go to Atlanta
D. go with his dad on a business trip

3. Who did he go to Disney World with?
A. his best friend Jerry
B. his dad, aunt and cousins
C. his mom and dad
D. his dad

4. Who did he go to the baseball games with?
A. his best friend Jerry
B. his dad, aunt and cousins
C. his mom and dad
D. his dad

5. Why could his mom allow him to sleep late in the summer?
A. because she did not work
B. because she was sleepy too
C. because she worked at home
D. because she was out of town

6. Why did the boy in the story decide the summer wasn't all that bad after all?
A. He got to go to some great places.
B. His friends came to visit him.
C. His cousins were at the beach.
D. His mom came to get him.

7. How many things did he and his father do in Atlanta?
A. 2 B. 3 C. 4 D. 5

8. Which of the choices below best describes the order in which he visited each place?
A. Disney World, beach, Alabama
B. theater, beach, Disney World
C. baseball, beach, Disney World
D. Disney World, beach, baseball

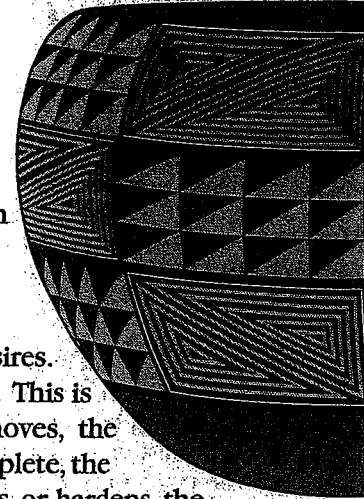
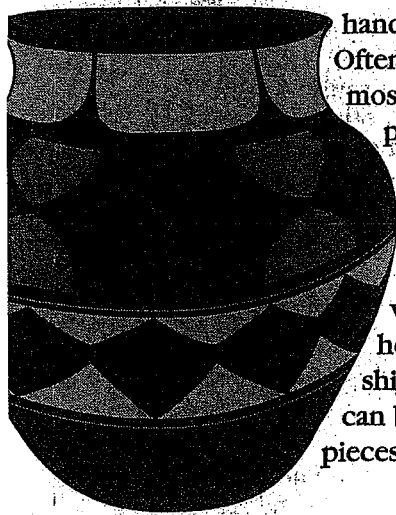


Pottery

People have been making pottery for hundreds of years. Long ago, the popular items to make were jars, bowls and other items that would be useful in the home. Later, potters designed lamps, dishes and beverage containers.

Pottery is made from clay. The clay is molded by the potter's hands, sprinkled with water and formed into the shape the artist desires. Often a potter may use a moving, round table called a potter's wheel. This is most helpful. The clay is placed on the surface then, as the wheel moves, the potter's hands shape the clay into a vessel. After the form is complete, the potter fires the piece in a very hot oven called a kiln. This cures, or hardens, the clay so the vessel may be used as a bowl or other utensil.

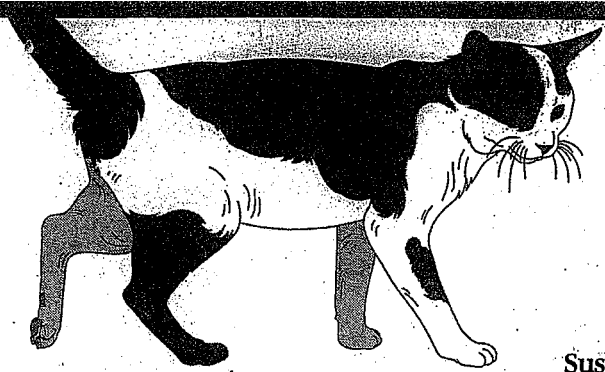
Pottery is a very artistic job. Some people are professional potters and work very hard at creating beautiful pieces of stoneware for people to use in their homes. Pottery items are often very natural looking. Some of the brighter and shinier pieces have been through the glaze process. After being fired once, the clay can be painted with glazes that are clear or colored. After the glaze is applied, the pieces are fired again to set the colors and the shine.



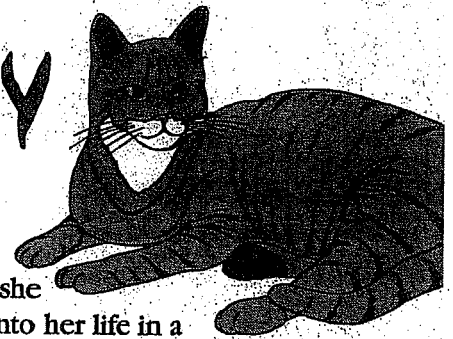
READING CHALLENGE

After reading "Pottery," answer the following questions.

- What causes the clay to harden after the potter has formed the piece?
 - the glaze
 - the kiln
 - the wheel
 - the air
- What is pottery made from?
 - clay
 - sand
 - mud
 - dirt
- How long has pottery been a practiced art form?
 - about 100 years
 - about 20 years
 - for hundreds of years
 - for about ten years
- Why was pottery so helpful to people long ago?
 - It was the only type of art they had.
 - It was a great way to make money.
 - It was necessary to have the bowls and utensils they needed.
 - It was necessary to use the clay that was around.
- How helpful was the potter's wheel?
 - very helpful
 - a little helpful
 - it made no difference
 - not helpful



Too Many Cats



Susan loved cats. As a matter of fact, she had four cats. She adored all of them, because each of them came into her life in a different way. Susan was in the fifth grade and already knew she wanted to be a veterinarian when she grew up.

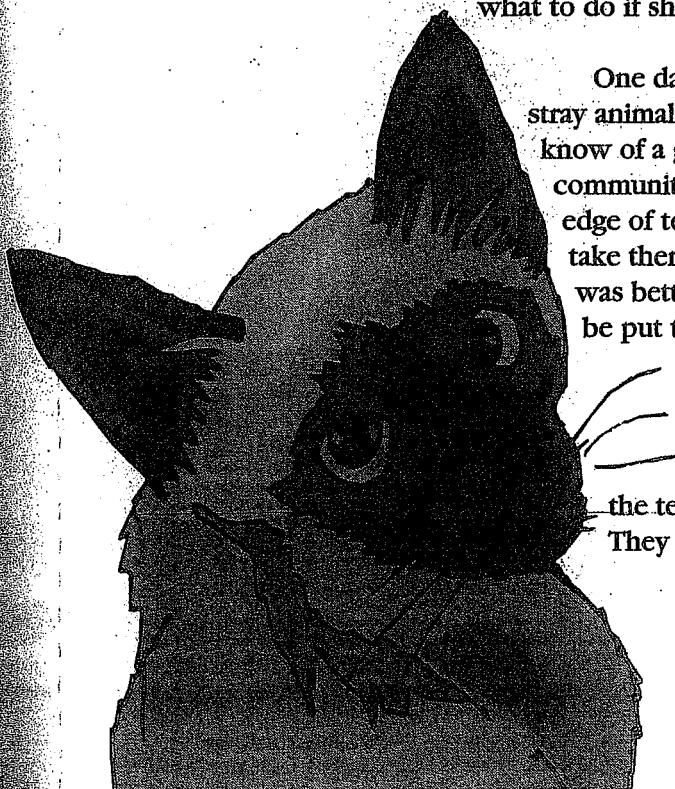
Precious, Susan's first cat, was a Siamese. She was the sweetest kitten and when she got older she was even sweeter and gentler. One day Susan's dad brought home another kitten he found at his office. He and Susan kept the kitten in a cage and took it to the veterinarian to have some tests done to be sure the kitten was healthy. Fortunately it was okay, and Susan took her home and named her Kenny. She was named after the office building her father worked in.

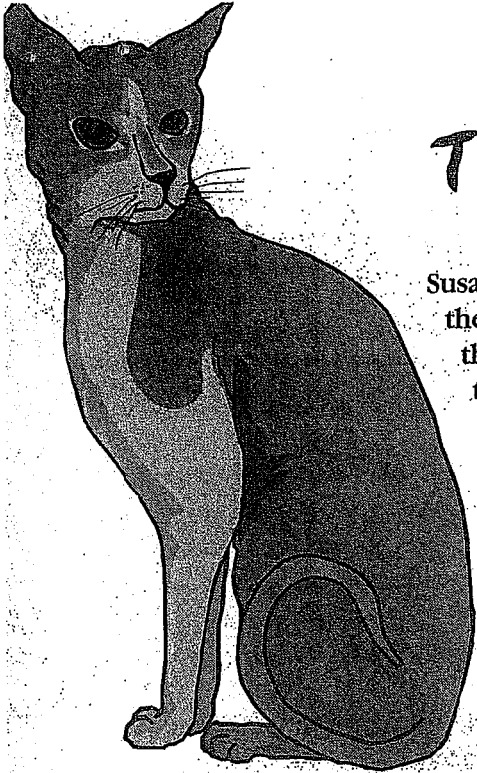
At first, Susan only had Precious and Kenny. Her parents liked animals too and the cats were good pets. Precious and Kenny loved playing together. Then one day, Julie, Susan's best friend, called and said her family was going to have to move to California. This was a real surprise to Susan. But there was no way to avoid it. Julie's father had been transferred with his company. Julie was sad because she was not able to take her cat, Rebecca, with her. She asked Susan if Rebecca could live with Precious and Kenny. Susan agreed and promised if Rebecca could ever go to California too, she would give her back to Julie. This was a special agreement between Julie and Susan.

Susan had been taking care of Rebecca for only about two weeks when her mom had spoken to a lady in her garden club about her five-year-old tabby cat named Lyle. Mrs. Stevens, the cat's owner, was getting too old to take care of a pet so she needed to find him a new home. Susan's mom felt sorry for Mrs. Stevens so she agreed to take Lyle for her. Mrs. Stevens was thrilled and so was Susan! Now there were four cats in the Bickers' house. Susan and her mom were happy to help the animals but they were not going to be able to help much more. Susan was not sure what to do if she ever found out about another helpless cat.

One day Susan was talking to her science teacher Mrs. Shaw about stray animals. Mrs. Shaw liked animals too, and Susan thought she might know of a good place for stray animals. Mrs. Shaw explained that the community had just opened a place called "Pet Adoptions" on the edge of town. People who no longer could keep their animals could take them there for other people to adopt. Mrs. Shaw told Susan it was better than the Humane Society because the animals would not be put to sleep unless there was a dangerous medical problem.

Susan was so excited she could not wait to get home to tell her mom. They looked for the Pet Adoptions place in the telephone book and called the number. They got the directions and drove out to see it.



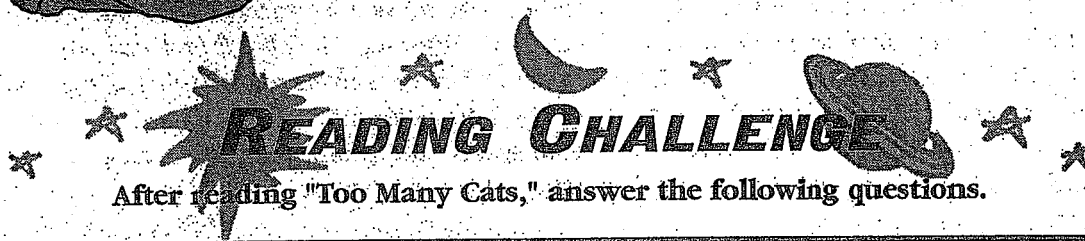


Name

Too Many Cats, continued

Susan saw lots of cats and dogs in neat, clean kennels playing and eating their food. She liked it so much she asked the manager to call her if they ever needed any help on the weekends. He seemed very happy that Susan volunteered and he pinned her number on his bulletin board beside his desk.

A week later the manager called and asked if Susan could come help out on Saturday from two o'clock until four. She checked with her mother and it was fine. Susan loved her new job and most of all she liked knowing of a place to refer people to if they were unable to keep their pet.



After reading "Too Many Cats," answer the following questions.

1. What were Susan's cats named?
A. Kenny, Rebecca, Bickers, and Lyle
B. Precious, Stevens, Julie, and Rebecca
C. Precious, Kenny, Rebecca, and Lyle
D. Julie, Kenny, Lyle, and Precious
2. Where did Susan get Kenny?
A. from Julie
B. her dad's office
C. her mom
D. Mrs. Stevens
3. Why did Mr. Bickers take the kitten to the veterinarian?
A. to find a home for it
B. to see if it was healthy
C. to have its leg fixed
D. to get shots
4. Why did Susan's mother take Mrs. Steven's cat?
A. because she was not caring for it
B. because she was not good with cats
C. because she was too old to care for it
D. because Susan wanted another cat
5. How did Susan find out about "Pet Adoptions?"
A. Mrs. Shaw
B. Mrs. Bickers
C. Mrs. Stevens
D. Mrs. Lyle
6. Where did Susan get a part time job?
A. the veterinarian's office
B. the Pet Adoptions place
C. the garden club
D. her dad's office
7. In your own words, tell why you think Susan was happy about her new job.



HURRICANE BOB

The newspaper and television news headlines stated that the East Coast had not seen a hurricane like "Bob" in about thirty years. Entire towns were destroyed. People were slowly coming back to see what was left of their homes. Dawn and Greg were two of those people. They had evacuated to a shelter set up by a charity organization for hurricane victims. They were tired, sleepy and hungry. Unfortunately, there was nothing they could do about their problems.

The couple began looking at the damage all around their place as well as the other houses in their subdivision. They all looked as if the eastern sides were falling apart. Then, Greg saw his dad Ken walking toward them. He said he had come to help. He lived in a town about two hours away and had heard about the damage. He said he could stay for about a week. He could help clean up and do repairs. Ken was an electrical engineer and would be a great help to Greg and Dawn as they rebuilt their home.

Within the next week, work crews came in to clean up really huge pieces of debris and tree limbs. The large garbage dumpster that the county placed in the subdivision had to be taken and dumped every other day. Everyone in the subdivision was working very hard on the big cleanup. The damage the storm had done was really hard to believe.

Little by little the houses were rebuilt. Dawn and Greg were very happy about the positive outlook their neighbors had. The whole community was beginning to be restored. Hopefully, there would not be another hurricane for quite a while.



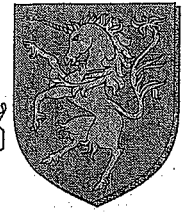
READING CHALLENGE

After reading "Hurricane Bob," answer the following questions.

1. What type of storm hit the community?
2. Why was a shelter set up for people?
3. Who was Ken?
4. How long did it take for the work crews to come to clean up debris?
5. What does the term "evacuate" mean?



The Unicorn and the Rhinoceros



The unicorn is a fictitious animal described in myths from ancient Greece and Rome. It is often drawn as a white horse with a horn coming out of its forehead. In the myths, the unicorn was said to look like a horse except that it had this horn protruding from the front of its head.

The horn was described as a single, straight horn with a spiral twist. It was said that the horn was white at the base, black in the middle, and red at the tip. Obviously a colorful animal, the unicorn was said to have a white body, a red head, and blue eyes. According to one source, the hind legs of the unicorn were like an antelope's and its tail was like a lion's.

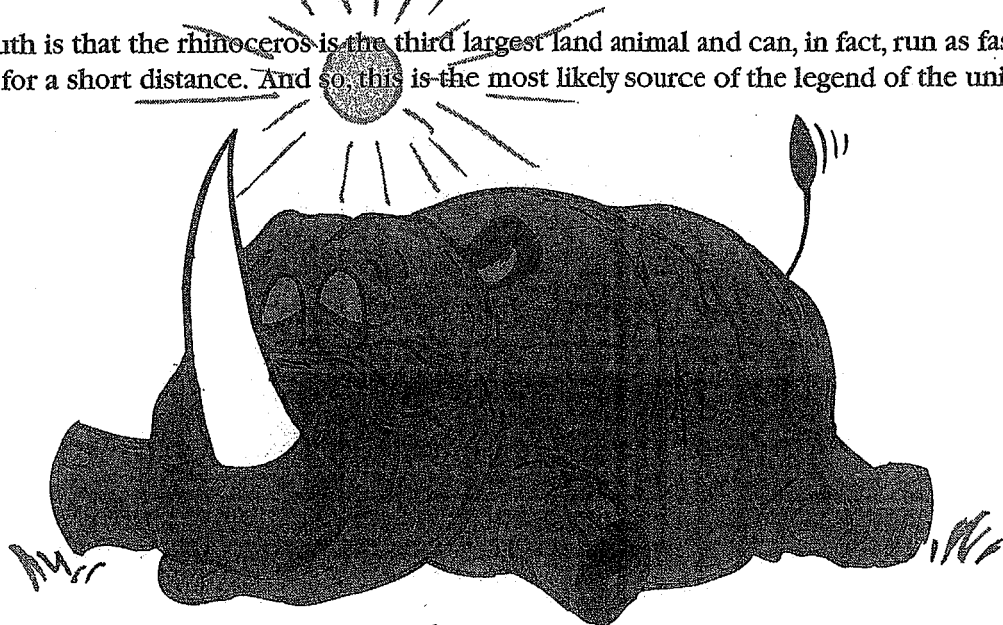
Some legends hold that the horn of the unicorn, if ground into powder, could be used to perform magic. Other legends forbid harm to the unicorn, saying that killing a unicorn would bring bad luck. According to another legend, just the sight of a unicorn meant good luck and could even make wishes come true. Many works of science fiction and fantasy literature make use of the unicorn as a character to help the hero on his journey.

The truth is, no one has ever seen a unicorn because they do not exist. The origin of the legend is not clear, but the most likely source of the legend dates back to the very beginning of European civilization.

Probably in the Dark Ages or the very early Middle Ages, some of the earliest European explorers ventured east to Asia. Much of Asia was different from Europe. The shape of the land looked different, there were different types of plants and trees and the people looked different. Some of the animals were absolute wonders to the Europeans.

Probably, these European explorers saw a rhinoceros among the other wonders of Asia. When they returned to Europe, they told of the beautiful silk fabrics of Asia, the exotic teas and this amazing animal they saw. They had never seen such an animal before. Why, it was as big as a horse, but it had a horn growing out of the front of its head. The people hearing these stories had never seen a rhinoceros and the only thing they knew was to picture a horse with a horn on its head; the unicorn picture we know today.

The truth is that the rhinoceros is the third largest land animal and can, in fact, run as fast as a horse for a short distance. And so, this is the most likely source of the legend of the unicorn.



Name



READING CHALLENGE



After reading "The Unicorn and the Rhinoceros," answer the following questions.

.....

1. What is the best description of the Unicorn?
 - A. white horse, a horn on its forehead and wings
 - B. white horse, a horn on its head and green eyes
 - C. white horse, a horn on its forehead and blue eyes
 - D. white body, a horn on its forehead, a red head and blue eyes

2. Where did the legend of the unicorn begin?
 - A. Greece and Rome
 - B. Asia and Europe
 - C. Europe and Rome
 - D. Asia and Greece

3. What do some legends say about Unicorns?
 - A. they are lucky and can make wishes come true
 - B. they are unlucky and bring bad luck
 - C. they are not real but they represent wishes
 - D. they are special creatures that have magical horns

4. Why has no one ever seen a unicorn?
 - A. they are hard to find
 - B. they do not exist any longer
 - C. they never existed at all
 - D. they died in Europe and Asia

5. What animal did the European explorers confuse the Unicorn with?
 - A. the goat
 - B. the rhinoceros
 - C. the horse
 - D. the antelope

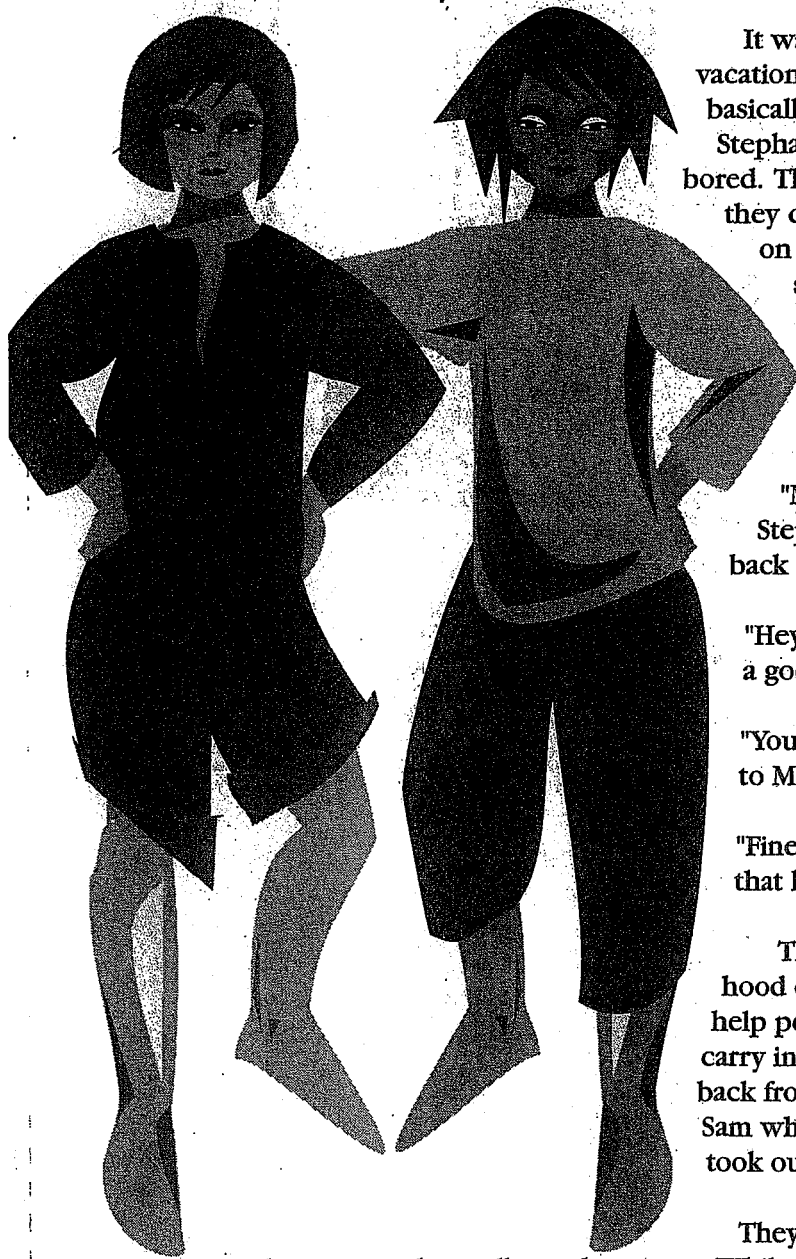
6. How are the horse and the rhinoceros alike?
 - A. they can run as fast as each other for a short distance
 - B. they both have long tails and large heads
 - C. they are both the third largest land animals
 - D. they are not real, only legends have them in stories



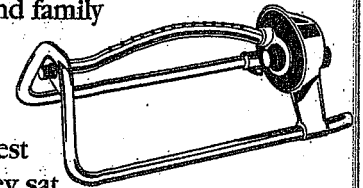
THE BEST CONTEST



Meg and Stephanie were best friends. They played together after school every day and all day on Saturdays. They had lived next door to each other for three years, since second grade. Meg was a faster runner than Stephanie, but Stephanie could turn better cartwheels. They knew this because they competed against each other in every activity. Sometimes they even made up contests. In the summer, they would see who could jump off the diving board at the pool and make the biggest splash. In the fall, they would see who could rake the biggest pile of leaves.



It was summer and between camp and family vacations there were three weeks with basically nothing to do for Meg or Stephanie. To put it simply, they were bored. They had already done every contest they could think of and so one day they sat on Stephanie's front porch and tried to think of something to do. Meg looked out into the yard and saw Mrs. Wilbur's dog, Fletch, walking up to the porch.



"What's Fletch doing out?" she asked.

"Mrs. Wilbur never lets him out," Stephanie said. "Let's get him and take him back to her."

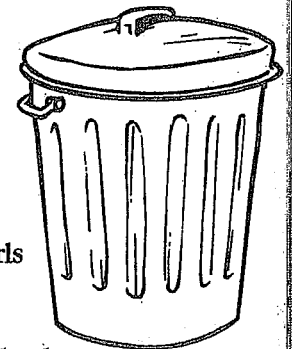


"Hey," said Meg, cocking her head. "Let's have a good deed contest."

"You're on," Stephanie said. "But I'm taking Fletch to Mrs. Wilbur because I said it first."

"Fine," Meg said, and she set off to tell Mr. Whitney that he had left his sprinkler on all day.

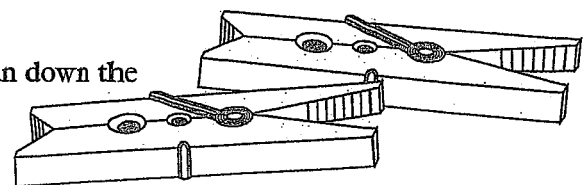
The two girls ran around the neighborhood on their bikes looking for things to help people with. Meg helped Mrs. Whitney carry in the groceries when Mrs. Whitney got back from the store. Stephanie watched little Sam while his mother took a shower. Both girls took out the garbage for their own mothers.



They had been at it all day when they met back on Stephanie's porch to tally up the scores. While they were counting, it started to sprinkle.

"Oh my gosh," Stephanie exclaimed.

"Mrs. Wilbur's laundry!" both girls shouted at once and ran down the street to Mrs. Wilbur's house. They had seen Mrs. Wilbur's sheets hanging in the sunshine and both ran to tell her it was raining.



THE BEST CONTEST, continued

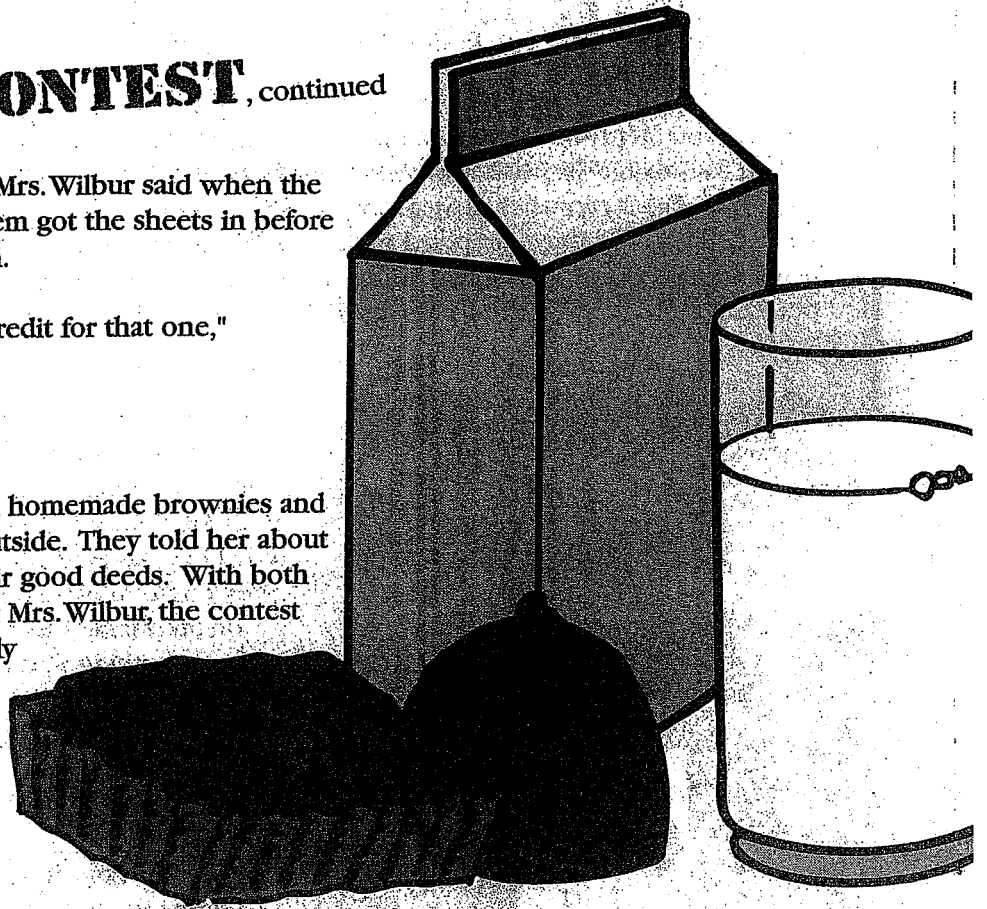
"Oh, thank you girls," Mrs. Wilbur said when the girls told her. The three of them got the sheets in before the rain started pouring down.

"I think we both get credit for that one," Stephanie said.

"Okay," Meg agreed.

Mrs. Wilbur gave them homemade brownies and milk while the rain poured outside. They told her about the contest and added up their good deeds. With both girls getting credit for helping Mrs. Wilbur, the contest was dead even. It was the only time they had ever finished a contest in a tie.

"Well then," Mrs. Wilbur said. "It is the best contest of all."



READING CHALLENGE

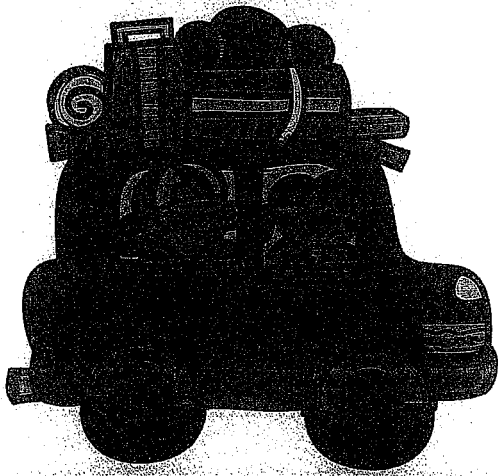
After reading "The Best Contest," answer the following questions.

- What grade are Meg and Stephanie in?
 - 5th
 - 4th
 - 2nd
 - 3rd
- Who could run faster than Stephanie?
 - Wilbur
 - Fletch
 - Meg
 - Whitney
- What kind of contest did the girls decide to have?
 - a neighborhood contest
 - a good deed contest
 - a leaf raking contest
 - a dog walking contest
- Who was Fletch?
 - the Whitney's dog
 - Meg's dog
 - Mrs. Wilbur's dog
 - a stray dog
- Why did Stephanie and Meg take down Mrs. Wilbur's sheets?
 - because they were working for Mrs. Wilbur
 - because it was beginning to rain
 - because they needed the extra points for their game
 - because Mr. Wilbur was not at home to help

LONG LIVE
SUMMER!

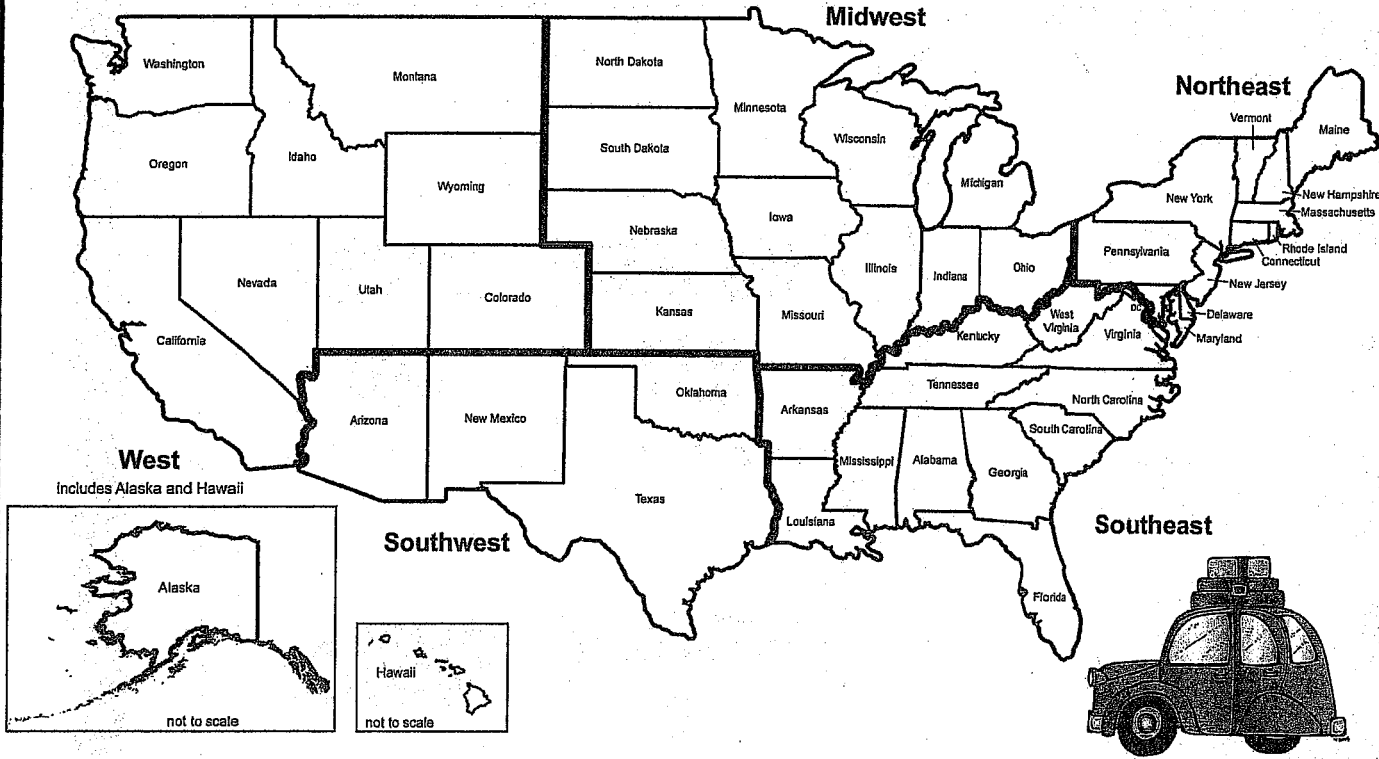
'S

ROAD TRIP



A ROAD TRIP TO REMEMBER

From the mountains, to the prairies, to the oceans white with foam, you're heading on a U.S.A. road trip that you'll never forget! Let's start the fun by mapping out where you'll head and how you'll pass the time. Get ready, because it's going to be a wildly mathematical ride!

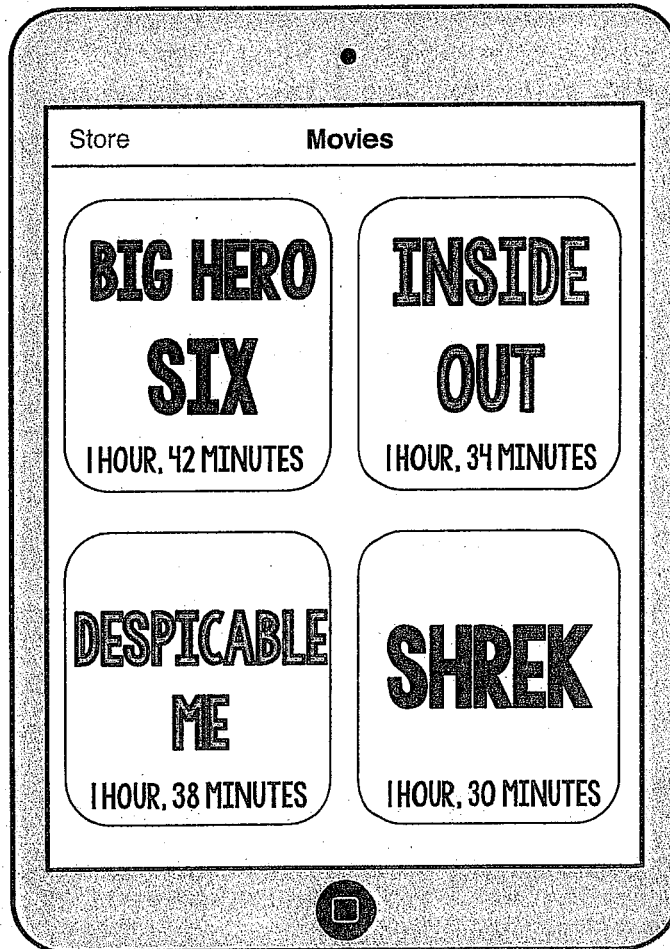
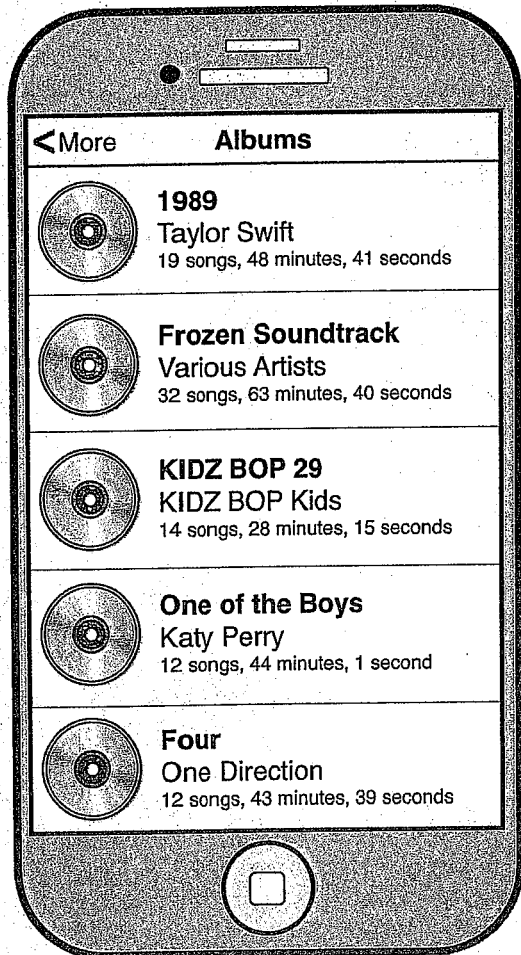


USE A DIFFERENT COLOR TO DRAW EACH LEG OF YOUR TRIP ON THE MAP ABOVE

| | | |
|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LEG #1 | Pink | Your road trip starts on the west coast in the southwest corner of California. From there, you head northeast for a visit to the northwest corner of Wyoming. |
| LEG #2 | Red | From Wyoming, you head to the middle of Colorado. |
| LEG #3 | Green | From Colorado, you head south to Texas. You go all the way to Austin near the middle of Texas (just below the word 'Texas'). |
| LEG #4 | Yellow | Texas was fun, but now it's time to head north to the southwest corner of Missouri. |
| LEG #5 | Orange | From Missouri, head east and park it in the southern most tip of North Carolina. |
| LEG #6 | Blue | After your trip to North Carolina, head northeast to New York City, which is near the southern tip of New York. |
| LEG #7 | Black | For your last stop, go to the northeast state of Maine. Congrats! You've travelled across the country! |

MUSIC FOR MILES

Even though you'll be busy stopping along the way for tourist attractions, snacks, and historical markers, you'll need some entertainment along the way. Your mom loaded up your iPad with a few movies, and your iPhone with some new jams. Use the information to figure out how many hours and minutes of entertainment you have to occupy your travels.



How many minutes and seconds worth of songs do you have?

How many hours and minutes is that equal to?

How many minutes and seconds worth of movies do you have?

How many hours and minutes is that equal to?

Mom loaded her iPod with 8 hours and 49 minutes worth of songs. Who has more? By how much?

Instead of movies, she has an audio book. It is 19 hours and 47 minutes long. How much longer is her book than your movies?

While you were watching Shrek, you had to stop it to get lunch. There were 34 minutes left when you came back. How much had you watched BEFORE lunch?

RIDING ALONG IN YOUR AUTOMOBILE

Your trip is planned, but it's time to figure out how many miles you'll be traveling on each leg and how many hours it will take to get from place to place, including gas stops and food breaks. Complete the table below.

| LEG | PLACES | DISTANCE | DISTANCE ROUNDED | DRIVING TIME | STOPPING TIME | TOTAL TIME |
|-----------|--------------------------------------------|----------------|---------------------|------------------------|-----------------------|------------|
| LEG #1 | San Diego to Yellowstone | 1,068 miles | | 15 hours 56 minutes | 1 hour 20 minutes | |
| LEG #2 | Yellowstone to Denver | 542 miles | | 7 hours 59 minutes | 55 minutes | |
| LEG #3 | Denver to Austin | 919 miles | | 14 hours 22 minutes | 1 hour 5 minutes | |
| LEG #4 | Austin to Branson | 621 miles | | 10 hours 3 minutes | 50 minutes | |
| LEG #5 | Branson to Outer Banks | 1,212 miles | | 18 hours 27 minutes | 2 hours 10 minutes | |
| LEG #6 | North Carolina to New York City | 470 miles | | 8 hours 45 minutes | 45 minutes | |
| LEG #7 | New York City to Cape Neddick, Maine | 275 miles | | 4 hours 52 minutes | 30 minutes | |

First, round each distance to the nearest HUNDRED. Find the estimated distance traveled on all seven legs.

Now, find the exact distance traveled on all seven legs.

What is the difference between the estimated and exact distance?

Find the difference in DISTANCES between the longest and shortest distance traveled.

Find the difference in TIME between the longest travel time and the shortest travel time.

Dad decides he doesn't want to drive more than EIGHT hours on ANY of the travel days (not including stopping time), so once you have been driving for eight hours, he stops at a hotel. Find the number of days each leg takes to drive.

| LEG# | # OF DAYS |
|--------|-----------|
| LEG #1 | |
| LEG #2 | |
| LEG #3 | |
| LEG #4 | |
| LEG #5 | |
| LEG #6 | |
| LEG #7 | |

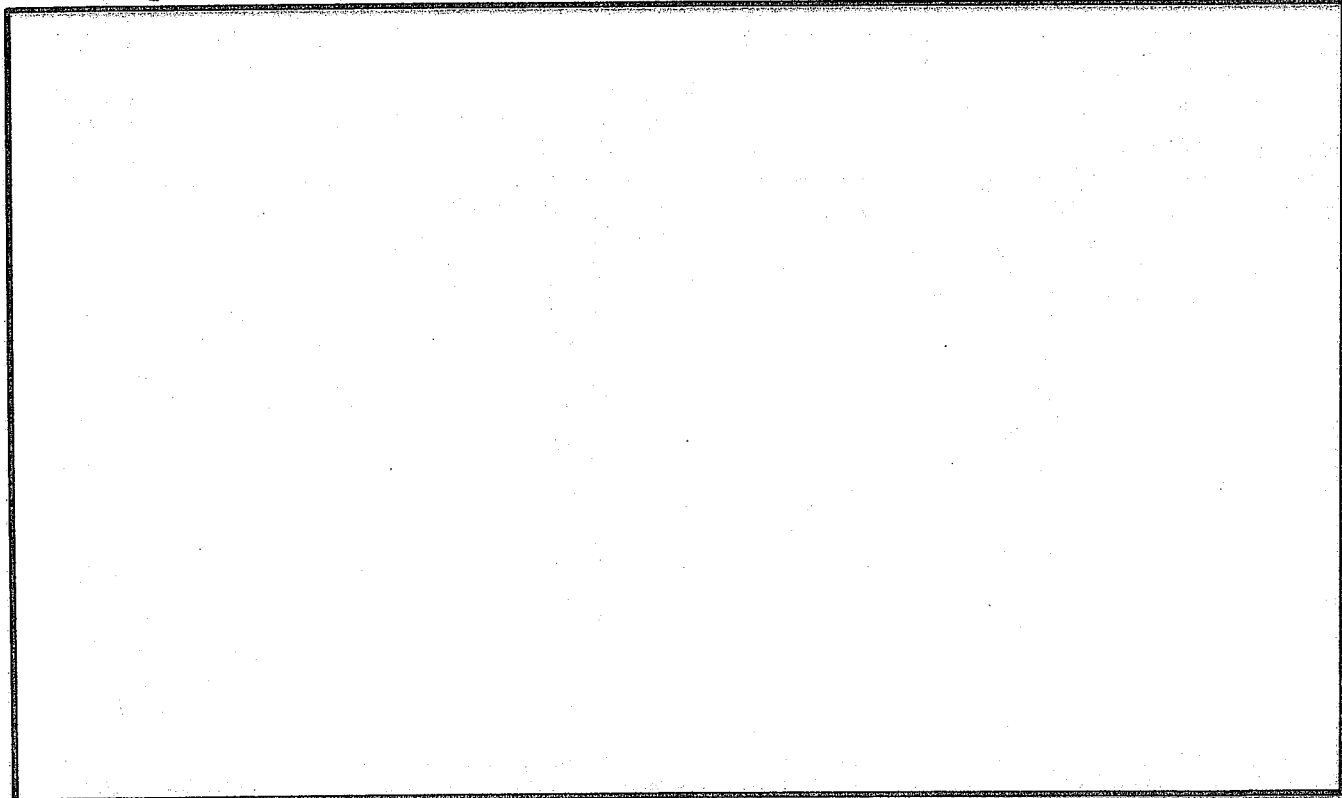
NEVER GETTING {BILL}BOARD!

Okay, okay. The title is a little silly, and yes... bored is spelled B-O-R-E-D BUT! Billboards kept you occupied for an hour of one leg of your trip. You decided to create a data table of the different types of billboards you saw and graphed the data. You can't ever get enough math, even on vacation!

BILLBOARD DATA COLLECTION

| TYPE OF BILLBOARD | TALLY | NUMBER SEEN |
|-----------------------------|-------|-------------|
| Restaurant Billboard | | |
| TV or Movie Billboard | | |
| Lawyer Billboard | | |
| Telephone Company Billboard | | |
| Attraction Billboard | | |

Now, make a bar graph to display the different types of billboards you saw. Be sure to include all elements of a bar graph.



HOPPIN' HOTEL HAPPENINGS

You spent many nights at hotels while driving during your road trip. About half way through your road trip, you decide to find the total amount you have spent on hotels.

FILL IN THE BLANKS ON ALL OF THE RECEIPTS.

DAY 1

Somewhere between San Diego & Yellowstone

One Night..... \$129.87
 Hotel Fee..... \$9.99
 Tax..... \$13.98
 Total..... \$

DAYS 2&3

Yellowstone National Park

Two Nights..... \$139.78
 Hotel Fee..... \$12.99
 Parking Fee..... \$39.99
 Tax..... \$19.28
 Total..... \$

DAY 4&5

Denver, Colorado

Two Nights..... \$259.16
 WiFi..... \$14.99
 Tax..... \$27.41
 Total..... \$

DAY 6

Somewhere between Denver and Austin

One Night..... \$45.89
 Tax..... \$4.89
 Total..... \$

DAYS 7&8

Austin, Texas

Two Nights..... \$179.56
 Hotel Fee..... \$15.99
 Parking Fee..... \$19.25
 Tax..... \$21.48
 Total..... \$

DAY 9

Somewhere between Austin and Branson

One Night..... \$99.87
 Late Checkout Fee..... \$49.50
 Tax..... \$14.93
 Total..... \$

DAY 10&11

Branson, Missouri

Two Nights..... \$209.78
 Hotel Fee..... \$5.99
 Tax..... \$21.57
 Total..... \$

DAY 12

Somewhere between Branson and Outerbanks

One Night..... \$175.08
 Hotel Fee..... \$25.99
 Parking Fee..... \$12.99
 Tax..... \$21.40
 Total..... \$

DAY 13

Somewhere between Branson and Outerbanks

One Night..... \$59.99
 Tax..... \$5.90
 Total..... \$

Which hotel was the cheapest PER night?

How much did your family spend in parking fees?

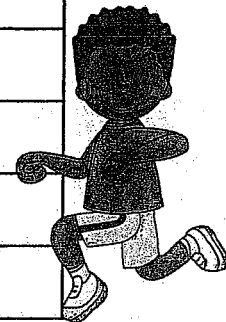
What was the difference between the highest total and the lowest total?



STRETCHING YOUR LEGS

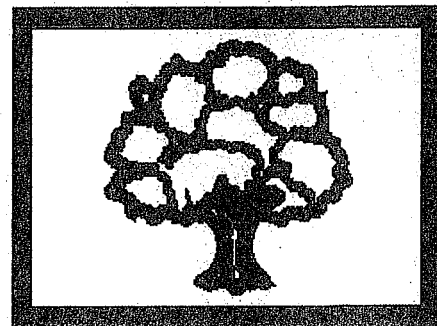
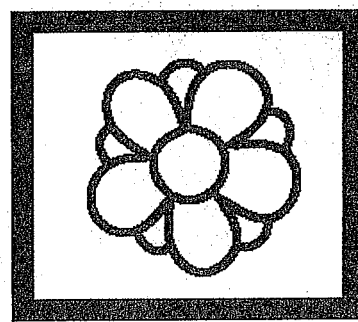
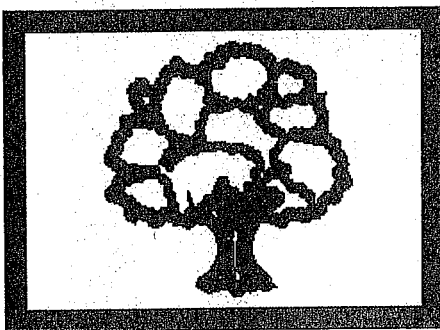
Each night, you chose hotels that were within walking distance to restaurants and entertainment. You couldn't stand the thought of driving another inch after a full day in the car. Fill in the chart below to show how far you walked during your stays at the hotels.

| CITY | DISTANCE TO RESTAURANT FROM HOTEL | | |
|---------------|-----------------------------------|-------|--------|
| | MILES | FEET | INCHES |
| YELLOWSTONE | | | 1,200 |
| DENVER | 1 | 5280 | |
| AUSTIN | | 144 | |
| BRANSON | | 1,200 | |
| OUTER BANKS | | 360 | |
| NEW YORK CITY | | | 600 |
| MAINE | 2 | | |



Several locations had parks nearby for walking. Fill in the blanks for each park below to find out how far you strolled.

(IMAGES ARE NOT TO SCALE)



| | |
|------------|----------|
| DIMENSIONS | |
| PERIMETER | 480 FEET |
| AREA | |

| | |
|------------|------------|
| DIMENSIONS | |
| PERIMETER | 1,000 FEET |
| AREA | |

| | |
|------------|---------|
| DIMENSIONS | |
| PERIMETER | 6 MILES |
| AREA | |



STOPPING FOR SNACKS

It was a long drive with many stops along the way for goodies to get you through the endless miles! Dad just couldn't pay for your snacks for you, now could he? Instead, he insisted that you figure out the math behind the snack madness!

EACH OF THE CASH REGISTERS BELOW SHOWS THE TOTAL AT VARIOUS STOPS ALONG THE WAY. ON THE DRAWER OF THE REGISTER, WRITE A COMBINATION OF DOLLARS AND COINS TO SHOW HOW YOU WOULD PAY WITH EXACT CHANGE.

\$12.50

THE WORMHOLE GAS STATION

| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

\$9.36

PUMP AND MUNCH GAS STATION

| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

\$7.77

FILL IT UP GAS STATION

| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

EACH OF THE CASH REGISTERS BELOW SHOWS THE TOTAL AT VARIOUS STOPS ALONG THE WAY. THIS TIME, YOU DIDN'T HAVE EXACT CHANGE. THE BILLS ON THE CASH REGISTER SHOW HOW YOU PAID. ON THE DRAWER OF THE REGISTER, WRITE HOW MUCH CHANGE THEY SHOULD GIVE YOU. (YOU CAN WRITE IT IN DOLLARS AND CENTS OR AS A COMBINATION OF DOLLARS AND COINS.)

\$10.50

GAS AND GO GAS STATION

| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

\$14.10

SEASHELL GAS STATION

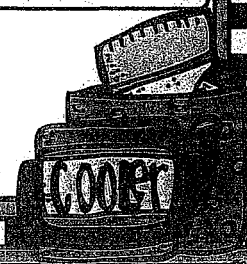
| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

\$18.25

HIS ROYAL GAS STATION

| | | |
|----|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| \$ | 0 | ¢ |

BONUS: HOW MUCH MONEY DID YOU SPEND ON FOOD IN ALL?





ROAD SIGN RAMBLINGS

ROAD SIGNS ARE ABUNDANT ON YOUR TRIP! AS YOU DRIVE, THERE ARE MANY SIGNS THAT SHOW THE NUMBER OF MILES TO POPULAR DESTINATIONS. TAKE A LOOK AT THE SIGNS AND ANSWER THE QUESTIONS...

ON YOUR WAY OUT OF SAN DIEGO...

How far is Anaheim from Salt Lake City?

If you are 400 miles PAST this sign, which of the three cities have you already driven through? Explain.

| | |
|----------------|-----|
| ANAHEIM | 118 |
| LAS VEGAS | 331 |
| SALT LAKE CITY | 749 |

ON YOUR WAY OUT OF AUSTIN...

How far is Tulsa from Fayetteville?

If the restaurant you plan to stop at for lunch is 55 miles past Tulsa, how many more miles do you have to go?

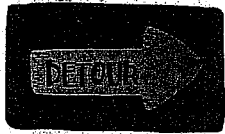
| | |
|--------------|-----|
| DALLAS | 195 |
| TULSA | 452 |
| FAYETTEVILLE | 527 |

ON YOUR WAY OUT OF BRANSON...

How far is Raleigh from Poplar Bluff?

You take a bathroom break 55 miles past the sign. Your next bathroom break is in Poplar Bluff. How far are you from your next break?

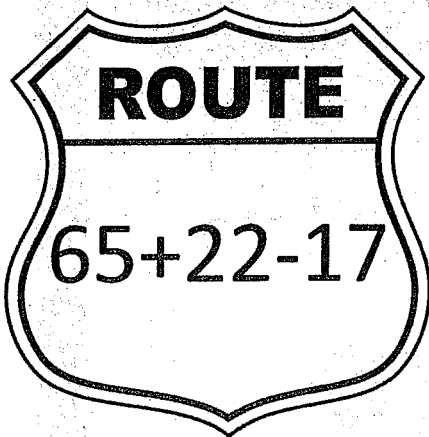
| | |
|--------------|-----|
| POPLAR BLUFF | 215 |
| NASHVILLE | 459 |
| RALEIGH | 994 |



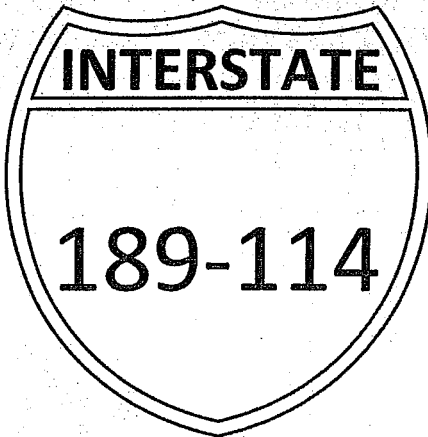
ROAD SIGN REDOS



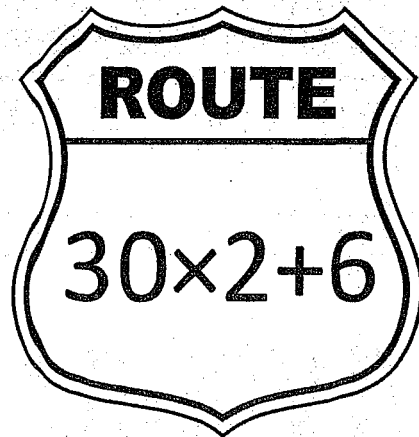
ALONG THE WAY, YOU CONTINUED TO ENTERTAIN YOURSELF BY MAKING ALTERNATIVES TO THE REGULAR ROAD SIGNS. SOLVE THE PROBLEMS BELOW TO FIGURE OUT WHAT THE REAL ROAD SIGNS READ!



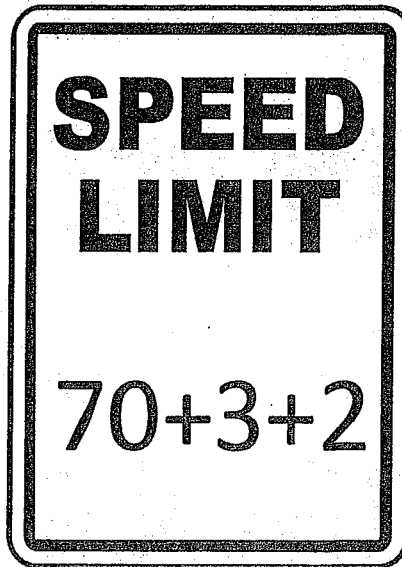
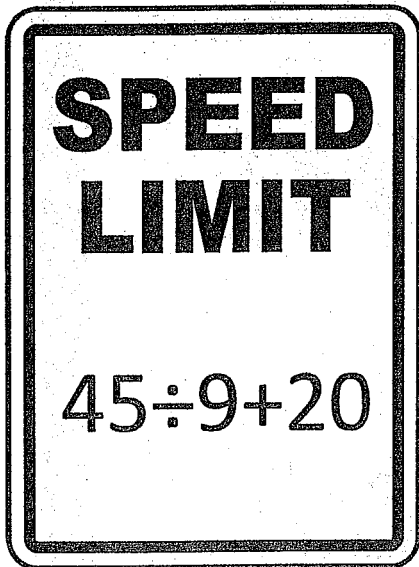
ROUTE # _____



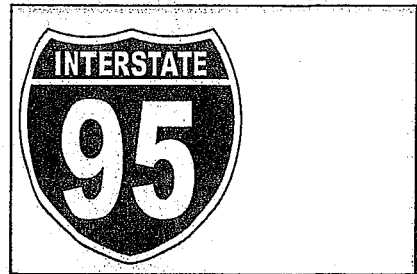
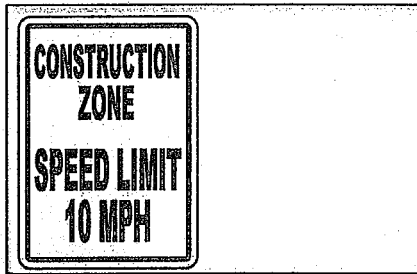
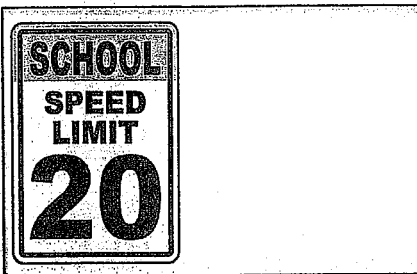
INTERSTATE # _____



ROUTE # _____



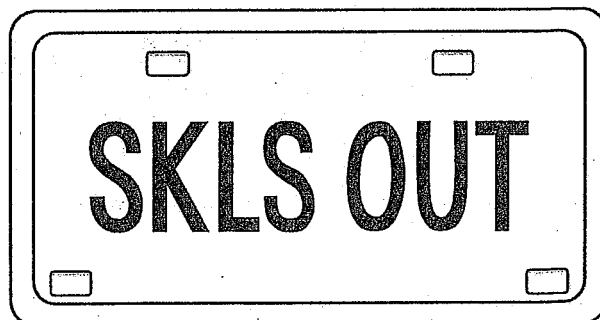
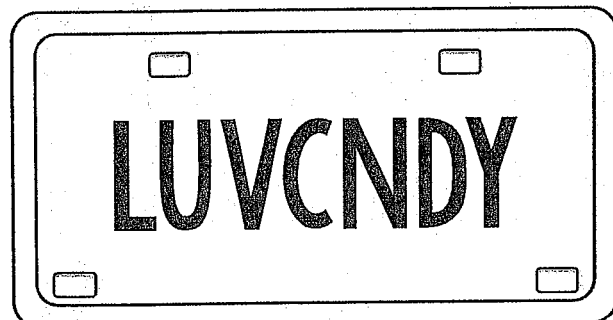
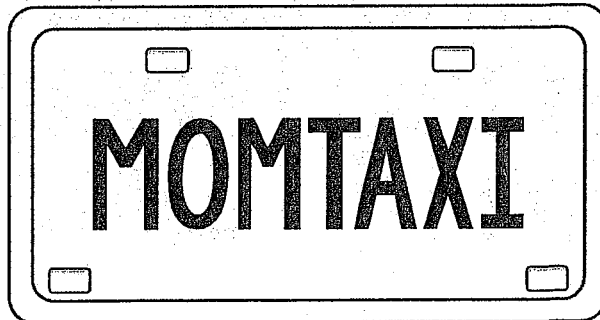
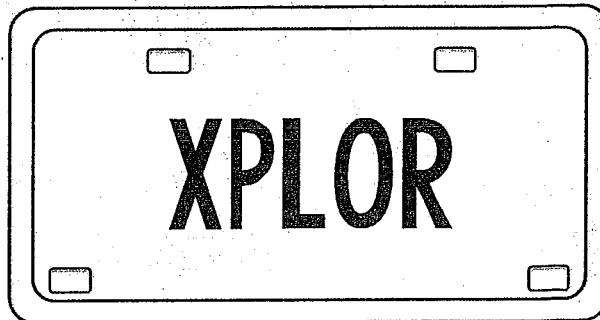
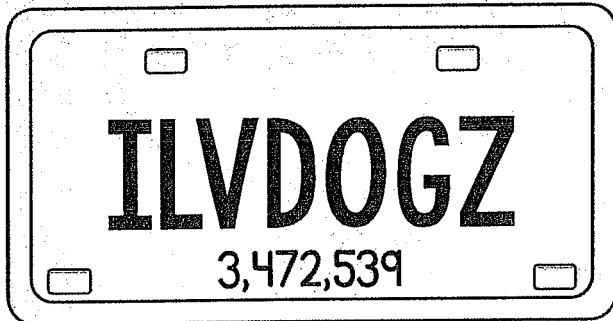
WRITE YOUR OWN EQUATIONS IN THE BOXES TO REPRESENT THE NUMBERS ON THE SIGNS BELOW



LICENSE PLATE PONDERINGS

HAVE YOU EVER PLAYED THE LICENSE PLATE GAME? YOU KNOW, THE ONE WHERE YOU SEARCH FOR LICENSE PLATES FROM ALL OVER THE COUNTRY? WELL, TODAY'S LICENSE PLATE GAME IS A LITTLE BIT DIFFERENT. YOU ARE SEARCHING FOR THOSE FUN, CUSTOM LICENSE PLATES THAT ARE WORDS ONLY AND THEN ASSIGNING NUMBERS TO THE WORDS. FIRST, WRITE THE WORD USING THE NUMBER VALUES BELOW. THE FIRST ONE IS DONE FOR YOU.

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | | | | | | |



ON EACH LICENSE PLATE NUMBER...

- Underline the number in the tens place
- Circle the number in the thousands place
- Box the number in the ten thousands place
- Color the number in the ones place blue
- Highlight any number in a place greater than ten thousand
- Place a check mark over the number in the hundreds place

CHOOSE ONE PLATE THAT YOU CAN ROUND TO EACH OF THE FOLLOWING PLACES... WRITE THE ROUNDED NUMBER ABOVE THE WORDS ON EACH PLATE.

- To the nearest tens place
- To the nearest hundred thousand
- To the nearest hundred
- To the nearest million
- To the nearest thousand
- To the nearest hundred thousand

SHADE EACH BOX ABOVE A DIFFERENT COLOR. THEN, SHOW WHICH PLACE YOU ROUNDED EACH LICENSE PLATE TO BY SHADING THE LICENSE PLATE IN WITH THE SAME COLOR AS THE BOX.



GAS STATION SITUATIONS

TO SAY THERE WAS A LOT OF GAS INVOLVED IN THIS ROAD TRIP WOULD BE AN UNDERSTATEMENT! MOM HAS BEEN CRAZY ABOUT DOCUMENTING HOW MUCH GAS YOU HAVE USED DRIVING TO EACH OF YOUR DESTINATIONS. HELP HER FILL IN HER FANCY EXCEL SPREADSHEET BELOW BY FINDING THE MISSING NUMBERS.

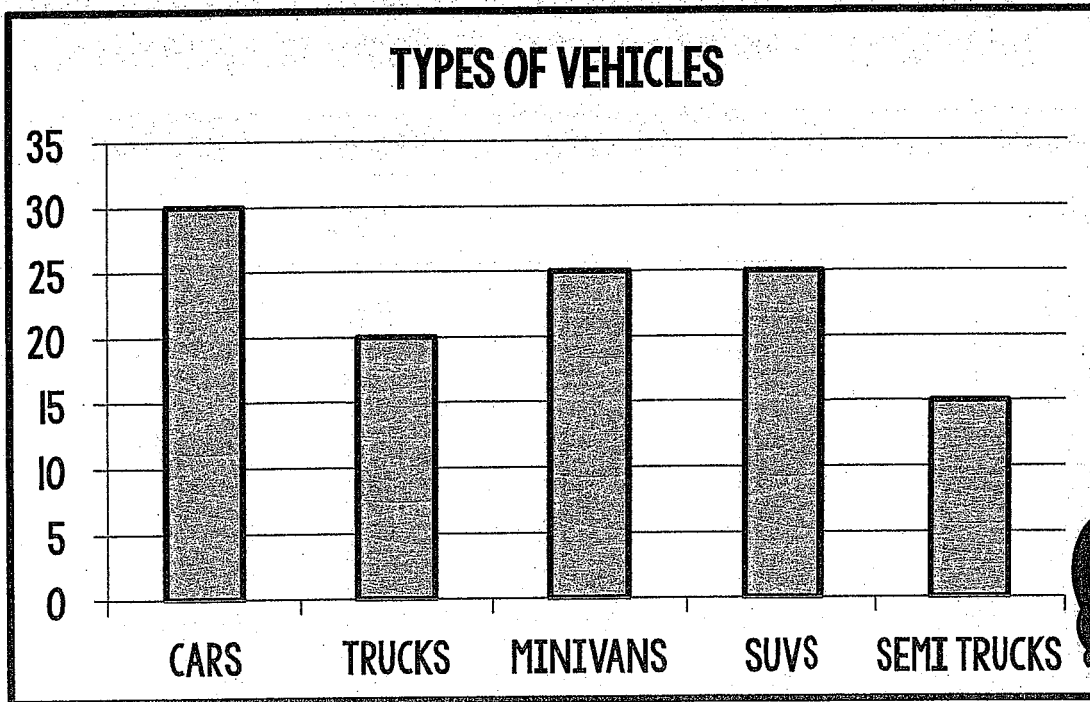
| STOP # | COST PER GALLON | GALLONS FILLED | TOTAL SPENT | MILES DRIVEN | MILES PER GALLON |
|--------|-----------------|----------------|-------------|--------------|------------------|
| 1 | \$2.80 | 16 | | 384 | |
| 2 | \$3.46 | 15 | | 345 | |
| 3 | \$2.45 | 13 | | 273 | |
| 4 | \$2.68 | 12 | | 324 | |
| 5 | \$3.82 | 10 | | 250 | |
| 6 | \$2.74 | 16 | | 368 | |
| 7 | \$2.89 | 19 | | 475 | |
| 8 | \$3.13 | 12 | | 228 | |
| 9 | \$2.42 | 15 | | 330 | |
| 10 | \$2.5 | 18 | | 486 | |

GAS STATION SITUATION QUESTIONS

1. The fuel tank in your car has a maximum capacity of 19.5 gallons. Before which stop were they almost completely out of gas? Explain.
2. What was the difference between the highest priced gas and the lowest priced gas?
3. After which stop did you get the most miles per gallon of gas?
4. Why do you think a different number of gallons were filled on most stops?

ALL TYPES OF TRANSPORTATION

THERE ARE SO MANY MODES OF TRANSPORTATION ON THE ROAD THAT YOU DECIDED IT WOULD BE FUN TO GRAPH THE DIFFERENT TYPES YOU SEE ALONG THE WAY. BELOW IS A GRAPH THAT DISPLAYS THE DATA. USE IT TO COMPLETE THE TASKS BELOW.



Fill in the table below with what fraction of the vehicles were each type.

| CARS | TRUCKS | MINIVANS | SUVS | SEMI TRUCKS |
|------|--------|----------|------|-------------|
| | | | | |

You tried to get every semi truck to honk, but only 7 did. What fraction of semi trucks you saw honked?

Eight of the cars you saw were red. What fraction of cars you saw was red?

Your brother argues that trucks and SUVs are the same thing. If he's right, what fraction of all the vehicles were the trucks and SUVs?

Explain how you found the denominator for the fractions in the table above.



GET IN MY BELLY!



YOU STOCKED UP ON ALL THOSE SNACKS, AND NOW IT'S TIME TO CALCULATE SOME NUTRITION INFORMATION! DON'T BE SHOCKED WHEN YOU SEE HOW MUCH SUGAR YOU'VE EATEN IN A DAY...

DORITOS

M&Ms

PRETZELS

TWIZZLERS

Nutrition Facts

Serving Size
Servings Per Container

Amount Per Serving
Calories **Calories from Fat**
% Daily Value*

Total Fat
Saturated Fat
Trans Fat

Cholesterol

Sodium

Total Carbohydrate

Dietary Fiber
Sugars

Protein

Vitamin

*Percent Daily Values are based on a 2,000 calorie diet.

Nutrition Facts

Serving Size 1 package
Servings Per Container 1

Amount Per Serving
Calories 230 **Calories from Fat 80**
% Daily Value*

Total Fat 6 g 30%
Saturated Fat 6 g
Trans Fat 0 g

Cholesterol 5 mg

Sodium 35 mg 1%

Total Carbohydrate 34 g 11%

Dietary Fiber 1 g 4%
Sugars 31 g

Protein 2 g

Vitamin

*Percent Daily Values are based on a 2,000 calorie diet.

Nutrition Facts

Serving Size 25 pretzels
Servings Per Container 10

Amount Per Serving
Calories 120 **Calories from Fat 14**
% Daily Value*

Total Fat 1 g 1%
Saturated Fat 0 g
Trans Fat 0 g

Cholesterol 0 g

Sodium 120 mg 5%

Total Carbohydrate 23 g 8%

Dietary Fiber 7 g 30%
Sugars 11 g

Protein 3 g 6%

Vitamin

*Percent Daily Values are based on a 2,000 calorie diet.

Nutrition Facts

Serving Size 4 pieces
Servings Per Container 10

Amount Per Serving
Calories 160 **Calories from Fat 5**
% Daily Value*

Total Fat 0.5 g 1%
Saturated Fat 0 g
Trans Fat 0 g

Cholesterol 0 g

Sodium 95 mg 4%

Total Carbohydrate 36 g 12%

Dietary Fiber 0 g 0%
Sugars 19 g

Protein 1 g

Vitamin

*Percent Daily Values are based on a 2,000 calorie diet.

READ THE DIRECTIONS BELOW TO FILL OUT THE NUTRITIONAL INFORMATION FOR THE DORITOS.

(YOU DO NOT NEED TO FILL OUT THE PERCENT DAILY VALUE OR VITAMIN SECTIONS)

The Doritos serving size is one package, and there is one serving per container. There are five grams of fat and 26 times as many calories as there are grams of fat. There is no Trans Fat, Cholesterol, or Sugar in Doritos. There are four times as many grams of carbohydrates as there are grams of fat and ten times as many milligrams of sodium as there are grams of carbohydrates. There are 18 fewer grams of protein than carbohydrates. The Doritos have the same number of grams of Fiber as they do protein.

NOW, USE THE NUTRITIONAL INFORMATION ABOVE TO ANSWER THE FOLLOWING QUESTIONS.

One serving of pretzels is 25 pretzels and there are 10 servings in the bag. If you ate TWO servings, how much calories, fat, sodium, and sugar did you eat?

| | |
|-----------------|--|
| CALORIES | |
| FAT | |
| SODIUM | |
| SUGAR | |

Would you eat more calories having a package of M&Ms or TWO servings of Twizzlers?

Would you eat more fat having TWO packages of Doritos or TWO servings of M&Ms?

If you ate one serving of each item, how many calories would you eat?

If you ate HALF a bag of Twizzlers, how many calories would you be eating?

Write fractions to show how many calories from fat are in the following snacks.
(HINT: YOUR DENOMINATOR WILL BE THE TOTAL NUMBER OF CALORIES)

| | |
|------------------|--|
| M&Ms | |
| PRETZELS | |
| TWIZZLERS | |

TIME TO HEAD HOME

★ and Long and Winding



Road★

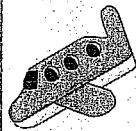
IT'S BEEN A FUN TRIP, AND YOU'VE MADE IT ALL THE WAY ACROSS THE COUNTRY! BUT THE IDEA OF SPENDING ANOTHER TWENTY DAYS IN THE CAR MAKES YOU A LITTLE CRAZY.

INSTEAD, YOU AND YOUR FAMILY ARE HEADING HOME ON AN AIRPLANE.

You're trying to make some decisions about where you would like to fly from and when. You have two options: You can fly from a small airport in Portland, ME or a larger airport in Boston, MA. Check out the information below.

FROM PORTLAND, ME TO SAN DIEGO, CA

DRIVING DISTANCE FROM NEDDICK, MAINE: 48.4 MILES



UNITED AIRLINES

Portland to San Diego

5:45a-10:34a

\$429.60



AMERICAN AIRLINES

Portland to San Diego

7:50a-9:24a

\$431.20



JETBLUE AIRLINES

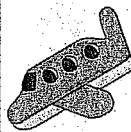
Portland to San Diego

1:37p-8:12p

\$562.60

FROM BOSTON, MA TO SAN DIEGO, CA

DRIVING DISTANCE FROM NEDDICK, MAINE: 73.5 MILES



AMERICAN AIRLINES

Boston to San Diego

1:30p-6:35p

\$204.60



DELTA

Boston to San Diego

5:39a-10:23a

\$263.20



UNITED AIRLINES

Boston to San Diego

7:29a-12:26p

\$265.50

1. Of all three choices from Portland, which one would you pick and why?

2. Of all three choices from Boston, which one would you pick and why?

3. Of all six choices together, which one would you pick and why?

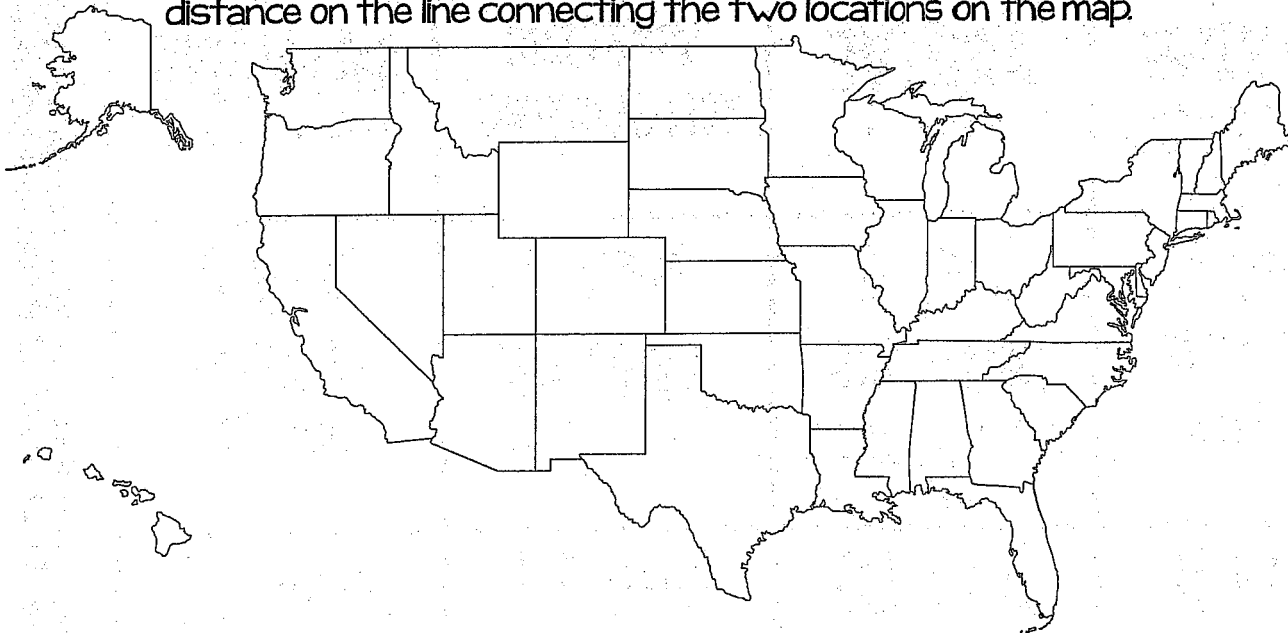
1. Estimate to find out which flight is the longest. Explain how you estimated.

2. Which two flights are closest in price?

3. If you needed to arrive 2 hours before your flight, which flights would you need to arrive BEFORE noon for?

JUST CAN'T GET ENOUGH?

It's your turn to do some road tripping! From YOUR hometown, choose five different places you would like to go. Draw them out on the map, labeling each destination. In all, you should have five lines on your map showing the five different destinations. Look up the distances between each your hometown and your destination and write the distance on the line connecting the two locations on the map.



Convert one of the trips to be converted into Feet.
(Remember: 1 mile = 5,280 Feet)

Convert the shortest trip into inches.

Write an addition equation that requires regrouping to represent the distance traveled on the LONGEST trip.

Write a subtraction equation that requires regrouping to represent the distance traveled on the SHORTEST trip.

Find the total distance traveled on a round trip (going there AND back) for ALL of the trips combined.

A CALENDAR OF EVENTS

For your reference, here's a peek at your twenty day road trip!

| | | | |
|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <p>Day 1 DRIVING Sleeping somewhere between San Diego and Yellowstone</p> | <p>Day 2 ARRIVE Yellowstone</p> | <p>Day 3 VISITING YELLOWSTONE</p> | <p>Day 4 DRIVING Arriving in Denver</p> |
| <p>Day 5 VISITING DENVER</p> | <p>Day 6 DRIVING Sleeping somewhere between Denver and Austin</p> | <p>Day 7 ARRIVE Arriving in Austin</p> | <p>Day 8 VISITING AUSTIN</p> |
| <p>Day 9 DRIVING Sleeping somewhere between Austin and Branson, MO</p> | <p>Day 10 ARRIVE Arriving in Branson</p> | <p>Day 11 VISITING BRANSON</p> | <p>Day 12 DRIVING Sleeping somewhere between Branson and Outer Banks</p> |
| <p>Day 13 DRIVING Sleeping somewhere between Branson and Outer Banks</p> | <p>Day 14 ARRIVE Arriving in Outer Banks</p> | <p>Day 15 VISITING OUTER BANKS</p> | <p>Day 16 DRIVING Sleeping somewhere between Outer Banks and North Carolina</p> |
| <p>Day 17 ARRIVE Arriving in New York City</p> | <p>Day 18 VISITING NYC</p> | <p>Day 19 DRIVING Sleeping somewhere between New York City and Neddick, Maine</p> | <p>Day 20 VISITING MAINE</p> |