Name:

## What's a Penguin?

## By Mary Perrin

Penguins are birds. All penguins live in the Southern Hemisphere. There are seventeen species of penguins found in the world. Not all of them live in Antarctica, but many of them do. Ice covers ninety-eight percent of land in Antarctica. Penguins' bodies have adapted to extreme temperatures. Penguins' feathers help keep them warm when they swim in ice-cold water. Penguins' feathers are oily. Penguins use their oil glands to grease their feathers. Oil and water do not mix. They do not get nearly as cold as we would if we were in icy water because the ice-cold water does not reach their skin. Penguins also puff their feathers out to help them stay warm. Penguins have a layer of fat, called blubber, under their skin that helps them as well. Some types of penguins huddle together in groups to help stay warm, too.

Penguins have strong toenails and beaks. They use their toenails for climbing rocks and ice to get to their nests. Penguins swallow their food whole. They do not have any teeth. They use their beaks to carry food to their nests. The nesting place where penguins raise their chicks is called a rookery. Penguins protect their chicks from predators like sea lions, seals, and other marine animals.


Just like you, penguins like to play. They use their legs and feet to push themselves along the ice on their bellies. This is called tobogganing. It is an easier way to travel over ice than walking. Penguins use their tails to help steer themselves in the water. They are able to make very quick turns. They also use their tails and wings to balance when they sit. The next time you visit a zoo or watch a penguin movie, notice how the penguins move and interact with one another. Penguins are speedy, playful, and very social animals.

What's a Penguin?

## Questions

1. Unlike humans, penguins have $\qquad$ to live in very cold places.
2. A rookery is $\qquad$ .
A. a group of nesting penguins
B. the name of oil glands which help insulate penguins
C. a game penguins play when they slide on their bellies across the ice
D. none of the above
3. A penguin $\qquad$ to keep warm.
A. has fat that helps it
B. puffs out its feathers
C. has oily feathers that helps it
D. all of the above
4. Which of the following was not discussed in this article about penguins?
A. which animals prey on penguins
B. how penguins use their different body parts
C. the lifespan of a penguin
D. where penguins live
6, 8, $\qquad$ , 12, 14, 16, 18, 20

A large town has a lot of people. Which number might make the most sense for the population?

1,900
5,008
40,082
1,900,826
15,008,264

Jessica has a bowl. She puts 24 pennies into the bowl. Max sees the bowl and takes some pennies out. The bowl now has 17 cents in it. How many pennies did Max take?
$7-6+3-2$ now?

The party is at 4 p.m. In only 11 minutes the party starts. What time is it right
B, F, J, N, $\qquad$ , V, Z


Jessica wrote a story. The story was about her hike. Two girls went on her hike. Each girl took three cookies. How many cookies did the girls take on the hike in all?

Flora and Flopsy, the two rabbits, sat at the counter and ate carrot ice cream cones. The counter is 18 inches long and 8 inches wide. What is the area of the counter?

Justin is bored, so he decides to start coloring the outside sidewalk. Would you believe every 15 minutes he goes through 12 pieces of chalk. That's a lot of chalk! After 2 hours his arms are so tired he quits. How much chalk did Justin use?

Show what $7 \times 4$ looks like by drawing an array. What is the answer?

Name: $\qquad$
four plus nine equals


Anne loves reading. She read 3 books this month. She plans to read 9 more. How many books will she read this month?
Anne took her empty
backpack and filled it with
tennis balls. Estimate how
many tennis balls you think
she was able to fit into her
backpack.


6 more than 356


Write an even number.
double 300
Circle the number that is largest.
$5,070 \quad 5,700$

5,007

Name:

## Climate

## By Cindy Grigg

Caption: Light blue (center)shows desert regions, darker blue around it shows grasslands, brown (at bottom) means temperate regions, darker purple (each side) shows subtropical climate regions, light purple (at top) shows tropical climate areas, and small area of turquoise blue at top right shows equatorial climate area.

Climate is the average weather in a place over a long time. Many things shape the climate of a place. One thing is latitude. Latitude is a measure of the distance from the equator. Higher latitudes are closer to the North or South Pole. There, the sun's rays are less direct than at the equator. The sun's energy is spread out over a larger area. There the land and ocean don't get as much of the sun's heat. The way the winds blow is another thing that shapes the climate. If the wind starts out over water, it carries more moisture. If winds begin over land, the air mass is drier. If the winds begin at high latitudes, the air masses are colder.
 Winds that start out in the tropics carry warmer air. Mountains affect the climate of a place. Rising air cools as it moves up a mountain. Rain falls. On the other side, the air is dry. That side of the mountain gets little rain. This is called the rain shadow effect. Ocean currents also shape the climate of a place. Warm ocean currents move from near the equator toward the colder poles. They heat the air. This makes the climate warmer along the coast of northern Europe, for one example. Weather changes from day to day. Climate is the average weather over a number of years. Many things shape the climate of a place.

## Climate

## Questions

1. Climate is the $\qquad$ weather in a place over a long time.
$\qquad$
$\qquad$
2. Which one of these does NOT affect the climate of a place?
A. latitude
B. mountains
C. ground cover
D. ocean currents
3. The author's main purpose for writing this story was to $\qquad$ .
A. persuade readers that climate and weather are very different
B. entertain readers with weather stories
C. inform readers with facts about climate and weather
D. express the writer's feelings about warm climates
4. weather : day by day :: climate : $\qquad$ .
A. forests
B. rain
C. day and night
D. years

Megan was in the doghouse. She forgot to water her mother's flowers. Now they are all dead. Megan bought 5 plants for her mother. The plants cost $\$ 5.87$. Megan gave the clerk $\$ 10$. How much change did she get?

The mailman spent 5.4 hours delivering mail today. Write that number in expanded form.

Megan is putting together goodie bags for her birthday party. She invited 8 friends, and everyone can come except for Pam. At the party store, she bought 11 mini chocolate bars.

She wants to give everyone (including herself) an equal number of mini chocolate bars. How many should she put into each goodie bag?

Amy collects squishies. Before she started getting serious about collecting, she only had 8 of them. But now she has 39 squishies. She ordered 7 really big squishies online. They should be delivered next week on her birthday. And guess what? Next week on her birthday, she invited 5 friends over for a slumber party. In the invitation she said, "No gifts. Just give me 2 squishies."

On the day after her birthday, how many squishies will Amy have?

Name: $\qquad$

Get a fidget spinner! Spin it.
I needed to spin $\qquad$ time(s) to finish.

-- -
the number ten greater
than 46

| - - - - - <br> nine tens |
| :--- |
| the number ten greater |
| than 38 |

## ———— <br> 15 hundreds

nine tens

$\quad-\quad-\quad-\quad$ -
the number one hundred
greater than 1567


- —
three tens - eight ones
four tens - two ones greater than 683

five thousands and five hundreds
one ten - seven ones

Name:


Geometry Word Problems


Use what you've learned in geometry to answer these problems. Use the right hand blank area as workspace.

A square piece of paper towel has sides that measure 20 centimeters long. What is the total area?

What are three shapes that have right angles in them?

If each side of an octagon is 12 meters in length, what would its perimeter be?

What are three 2D shapes?

What are three 3D shapes?

One can of paint covers 75 square feet. Your wall is 14 feet by 8 feet. Do you have enough for it?

Name:
Cross off the letter that does NOT belong.

$$
Q, N, Q, Q, N, Q, N, Q, N, Q, N, Q, N
$$

$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

$$
39,42,45,48,50,51,54,57,60
$$

Why does $\qquad$ not belong in the pattern?

## Oops~

## By Kathleen W. Redman

Marty liked bubble gum.
She liked to smell it.
She liked to chew it.
She liked to taste it.
She liked to blow bubbles with it.
Yesterday Marty told her best friend a secret.
"Tomorrow is Bubble Gum Day," Marty said. "I am going to blow a big bubble. I am going to blow the biggest bubble in the world!"
"You are so silly," Dana said. "You cannot blow the biggest bubble in the world."


The next day Marty took five pieces of bubble gum to school. She took three pink pieces. She took two blue pieces.
"Watch me," Marty said to her friends. "I am going to blow a big bubble. I am going to blow the biggest bubble in the world."

Her friends laughed.
"You can't blow the biggest bubble in the world," they said.
Marty put some pink bubble gum in her mouth. She chewed. She chewed and chewed and chewed. The gum had to be just right.

Finally she started to blow a bubble. She blew and blew and blew.
The bubble grew and grew and grew.
It grew larger than Marty's face.
It grew larger than a basketball.
It grew larger than a beach ball.
It grew larger than Marty's dog, Rex.
"That's a very big bubble," Dana said, "but it is not the biggest bubble in the world."
Marty blew more. She blew and blew and blew.
The bubble grew and grew and grew.
It grew larger than Marty's desk.
It grew larger than the bookshelf.
It grew larger than the table.
"That's a very big bubble," Juana said, "but it is not the biggest bubble in the world."
Marty blew more. She blew and blew and blew.
The bubble grew and grew and grew.
It grew larger than a car.
It grew larger than a truck.
It grew larger than a bus.
"That's a very big bubble," Tracy said, "but it is not the biggest bubble in the world."
Marty blew more. She blew and blew and blew.
The bubble grew and grew and grew.
It grew larger than Marty's house.
It grew larger than Marty's school.
It grew larger than the Empire State Building.
"That's a very big bubble," her teacher said, "and I think it is the biggest bubble in the world."
Marty blew more. She blew and blew and blew. Then she blew one more time. It was too many times.
KA-POW!!!
The bubble popped with a loud bang! There was gum on Marty, Dana, Juana, Tracy, and Mrs. Smith. There was gum on the basketball, the beach ball, and Rex. There was gum on Marty's desk and on her house. Worst of all, there was gum in Marty's hair.

Oops! What a mess!

Oops~

## Questions

1. Who is Marty's best friend?
A. Stacy
B. Juana
C. Tracy
D. Dana
2. What was Marty going to do on Bubble Gum Day?
A. Give gum to all the children in her class.
B. Quit chewing bubble gum.
C. Buy some pink bubble gum.
D. Blow the biggest bubble in the world.

Name:
$\qquad$ 3. How many pieces of gum did Marty take to school with her?
A. five
B. one
C. three
D. two
4. What color bubble gum did she take?
A. pink and yellow
B. yellow and blue
C. pink and blue
D. red and blue
5. What kind of pet did Marty have?
A. fish
B. cat
C. monkey
D. $\operatorname{dog}$
6. Who thought Marty had blown the biggest bubble in the world?
A. her best friend
B. her teacher
C. her mother
D. her father
7. What happened when Marty blew too much?
A. The bubble turned yellow.
B. The bubble popped.
C. Marty fell down.
D. The bubble rolled down the road.
8. What was the worst thing the bubble did when it popped?
A. It got all over her dog.
B. It got in her hair.
C. It got all over her desk.
D. It made a loud noise.



Name: $\qquad$
Fill in the blanks by adding the two numbers below each hexagon.



$43+2=\square 56-8=$

$$
\begin{aligned}
& 4+\square=6 \\
& 11+\square=14
\end{aligned}
$$

Name: $\qquad$

| Puzze: |  |  |  | Work Area: |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 68 | $\theta$ | 9 | 23 |  |  | 9 | 23 |
| (3) | 9 | $0$ | 17 |  | 9 |  | 17 |
| $\theta$ | $\$$ | $\theta$ | 19 |  |  |  | 19 |
| 14 | 21 | 24 | + | 14 | 21 | 24 | + |

The sum for each column and row is given.


What number multiplied by two is eight?


It is 7:48 when Erin leaves her house. She arrives at school at $8: 09$. How much time has passed?
$45,60,75,90$, $\qquad$ . 120,

135

## Before You Leave for Home

## By Patti Hutchison

Josh was teasing his friend Mike. "Hey what's up with you? You always go through the same routine before you leave school every day. It's like you're in the zone or something."
"I do have a routine that I follow. It's what helps me get straight A's. You thought I did it with my superior brains and good looks, didn't you?" Mike said.
"So how does doing all that stuff get you good grades? I want in on your secret," Josh said.
"It helps me get organized. Before I leave school each day I know exactly what I have to do that night. I take home all the stuff I need to do it. That's all there is to it," Mike told Josh.
"Exactly what do you do before you go home?" Josh asked.


Mike began to explain his daily routine. First, he makes sure his assignment sheet is filled out for each subject. If he is missing an assignment, he asks a friend for help. He writes the due dates of projects on the calendar in his locker. He will also be sure to write these on his calendar at home, too.

Once his assignment sheet is filled out completely, he makes sure he understands the directions for each assignment. If he is unsure of something, Mike goes back to the teacher. He asks questions about the assignment and makes notes in his assignment book. If necessary, he stops by the library to check out books or other media that will help him to do his homework and projects.

Next, Mike looks at his assignment sheet, subject by subject, beginning with his first period class. He grabs the supplies he'll need to complete each assignment. This is usually his textbook and notebook for each class. Mike packs these items in his backpack. Then he puts in anything else he might need. Some examples are special paper, a calculator, or anything he doesn't have at home.

Mike next checks his to-do list. He makes a mental note of any practices or special events he has that night. This helps him to get a mental picture of his schedule for that evening. He can prioritize his tasks and make sure he has time for everything he plans to do. After another quick check to make sure he has everything he needs, Mike is ready to go.
"You do all that in a matter of minutes?" Josh asked, clearly impressed.
"It's all about planning ahead, my friend. I've been doing this routine for a long time. It's gotten me where I am today, on the honor roll," Mike said, puffing out his chest.
"I'm going to start doing this little routine, too. "I'll give you a run for your money next quarter," Josh challenged.

Before You Leave for Home

## Questions

$\qquad$ 1. If an assignment is not filled in on your assignment sheet, what would be the best thing to do?
A. ask a friend for help
B. skip the assignment
C. turn it in late
2. It is important to write the due dates of projects on:
A. the calendar in your locker
B. your calendar at home
C. both a and b
3. What would be the best thing to do if you are not sure about the directions for an assignment?
$\qquad$
$\qquad$
4. How can you make sure you have all the supplies you'll need to do your homework every night?
$\qquad$
$\qquad$
5. Why is it important to form a mental picture of your schedule for each evening?
$\qquad$
$\qquad$
6. Once you get into the routine, how long should it take you to make sure you have everything you need before you leave school?
A. days
B. hours
C. minutes

Circle the number that is largest.
$4,400 \quad 4,040$
4,004

It is $8: 48$ when Pam leaves her house. She arrives at school at 9:06. How much time has passed?

Round 76 to the nearest 10 . bicentennial, centennial, perennial

Name:
Mrs. Allen made a peach salad. She spent $\$ 5.81$ on the salad. Miss Jones made a pear salad. She spent $\$ 8.95$ on her salad. How much more did Miss Jones spend than Mrs. Allen?

Holly sat in a chair. The chair felt good. She read a book. It was a good book. The book had eight parts. Each part had four pages. How many pages were in the book?

It was Cheer Up the Lonely Day. Sara made an orange cake for Mrs. Thompson. She took it to her house.
Mrs. Thompson cut the cake into 6 pieces. She and Sara each ate 1 piece. What fraction of the cake was left?

Tim broke his toy truck. He needs 87 cents to buy new wheels for it. He has five dimes and two nickels. How much more money does he need?

There are 15 children in Mr. Moore's class. Seven of them wear glasses. What fraction of the children wear glasses?

## Justin bought 6 flags.

 Each flag cost 1 quarter and 5 pennies. How much did he spend in all?Name:

Nathan has 5 sheets of red paper. He cut each sheet into fourths. How many pieces of red paper did he have?

## Adam used a cookie

 cutter to cut out football shapes. The footballs were about 2 inches long. How many football cookies would he need to make a row about 1 foot long?Sara bought a puzzle for her brother. The puzzle cost \$3.57. Sara gave the clerk \$5. How much change did she get?

Anne bought a pair of jeans. She paid with 10 dollar bills, 4 dimes, 1 nickel, and 3 pennies. How much did she pay?

David saw 5 Play-Doh frogs and 4 Play-Doh birds. Each frog has 4 legs, and each bird has 2 legs. How many total legs do these 9
Play-Doh frogs and birds have?

Hannah bought six red caps. She gave four red caps to her brothers. Hannah's brothers will put the caps on their cats.
What fraction of the caps is left?

Name:
Seven girls blew some bubbles. Three girls each blew 6 bubbles.
Four girls each blew 3 bubbles. How many bubbles did they blow in all?

Our class made "Thank You" cards for our mailmen. There are 24 children in our class. Each child used two sheets of paper to make a card. How many sheets of paper did our class use in all?

Rosa's mother cuddled her. Rosa went to sleep at 10:34 p.m. She woke up at 7:15 a.m. How much time passed?

Hannah wants to make cookies for Mrs. Hernandez. Mrs. Hernandez lives alone near Hannah. Hannah needs 27 red candies to put on the cookies. There are 12 candies in a bag. How many bags does Hannah need for the cookies?

Mary made 3 cookies for each of 4 friends. She put 6 chocolate chips in each cookie. How many chocolate chips did she use?

Each bowl has 23
tortilla chips in it. How many chips are there in 4 bowls?

## The Sun and the Seasons

By Erin Horner

Do you want to know a secret? The Earth is tilted! Really, it is! The Earth orbits the sun on a tilted axis. Don't worry, it's not broken! This tilt is actually very helpful. It helps to create our seasons. The Earth orbits around the sun all year long. When the northern hemisphere is tilting toward the sun, that hemisphere experiences summer. That part of the Earth receives the most direct rays of the sun. This makes the summer weather hot. While the northern hemisphere is pointing toward the sun, the southern hemisphere is tilting away from it. This means that the sun's rays are indirectly hitting the southern hemisphere. Shorter days and longer nights keep that section of the Earth from
 warming up. It is winter for that part of the planet. Some people think that our seasons must be related to the Earth's distance from the sun. They think that hot summer temperatures must mean that we are closer to the sun. But that's not true. Now you know the real reason why. But don't keep it a secret! Share all that you've learned about the sun and the seasons.

The Sun and the Seasons

## Questions

1. Why is summer weather hot?
2. The author probably wrote this article to $\qquad$ .
A. persuade
B. inform
C. describe
3. Which of the following is true about the seasons?
A. They are the same all over the world.
B. The northern hemisphere and southern hemisphere do not experience the same season at the same time.
C. They are related to the Earth's distance from the sun.
D. All of the above
4. Choose the best title.
A. Why We Have Seasons
B. Seasons Never Change
C. All About Our World
D. The Best Seasons Ever
$7-1=\square \quad 9+6=\square \quad 8+7=\square=\square$

Name:


Sing to "He's Got the Whole World in His Hands"
(Teachers, for little ones, you might just repeat the first line throughout each verse.)

We've got the whole world in our hands,
We've got the whole, wide world in our hands,
We've got the whole world in our hands,
We've got the whole world in our hands.

We've got clean water for drinking in our hands, We've got the rivers and the oceans in our hands, We've got the whales and the fishes in our hands, We've got the whole world in our hands.


We've got clean air for breathing in our hands,
We've got the forests and the farmlands in our hands, We've got the elephants and the earthworms in our hands, We've got the whole world in our hands.

Let's recycle our newspapers and our cans.
Let's recycle glass and plastic, everything that we can.
Let's clean up the Earth; it's in our hands.
We've got the whole world in our hands.

Reduce, reuse, recycle; that's the best plan.
Reduce, reuse, recycle, everything that we can.
Reduce, reuse, recycle; don't throw it in the trashcan.
We've got the whole world in our hands.

We've got the whole world in our hands, We've got the whole, wide world in our hands, We've got the whole world in our hands, We've got the whole world in our hands.

Name:
An Earth Day Song

## Questions

$\qquad$ 1. Why do you think the author said "we've got the whole world in our hands"?
A. We can hold the world like a ball.
B. The world is getting smaller.
C. It's up to each of us to take care of the world.
2. Why did the author name whales and fishes?
A. They are the largest and smallest animals in water.
B. They both live in water.
C. The author meant that all animals, from the largest to the smallest ones, depend on us to keep their water clean.
3. Why did the author name elephants and earthworms?
A. The author just named any animals.
B. The author meant that all animals, from the largest to the smallest ones, depend on us to take care of the land.
4. Why do we need to recycle newspapers?
A. It saves more trees from being cut to make paper.
B. It keeps old newspapers from going into the trash.
C. both a and b
5. What does it mean to "reduce"?
A. We should all stay small.
B. We should all try to throw away less trash.
C. We should all go on a diet.
38

Name: $\qquad$

Jack had saved some money to spend on Splurge Day. He said he was going to buy the world's biggest stack of pancakes! He had $5 \$ 1$-bills, 2 half dollars, 5 quarters, 6 dimes, 7 nickels, and 9 pennies. How much money did he have in all? (Hint: Drawing a picture might help!)

There were 7 rows of trees at the lot. There were 6 trees in each row. How many trees were there in all?

The students in Mr. Clark's class are making little bags of candy to give to the preschool students in the Little Steps program. They are putting six pieces of candy in each bag. They have twenty bags to fill. How many pieces of candy do they need to fill the bags?

There are 64 students in third grade. There are 19 students in Miss Bell's class. There are 23 students in Mr. Edison's class. The rest of the students are in Ms. Lovell's class. How many more students are there in Ms. Lovell's class than Miss Bell's class?


Name:

Easton Elementary School is having a "Sign My T-Shirt Party" on White T-Shirt Day. Each student will wear a white $t$-shirt. When the party begins each student will sign all the other students' shirts. The principal bought drinks and cookies for the students. The drinks cost $\$ 38.07$. The cookies cost $\$ 21.07$. How much did the drinks and cookies cost in all?

Their pet fish knew it wasn't right. He knew the Cat shouldn't do those things. The pet fish just knew there would be trouble. There was fish food all over the floor. They would have to buy more! Fish food costs $\$ 0.52$. If Conrad gave the clerk $\$ 1$, how much change would he get?

There are 15 children in Mr. Robinson's class. Seven of them wear glasses. What fraction of the children wear glasses?

Emily tied bows on the tail of her kite. The bows were red and blue. It took her 20 minutes to tie the bows just right! She started putting the bows on at 3:55 p.m. What time did she finish?

The mailman left our mail at 1:39 p.m. He left Gavin's mail half an hour later. What time did he leave Gavin's mail?
$\qquad$

Jill, Anna, and Megan had a playdate together at Jill's house. The best thing in Jill's room was her collection of Giftstars, which were only the coolest new toy around.
"Can we play with your new outer space Giftstars?" asked Anna.
"Only if we can split up the Giftstars equally," added Megan.
Jill had no problem with that. She had more than enough to go around, and she shared her 36 Giftstars equally.
"Check out this one. Her name is Misty. She is a teacher," said Jill. "Hey, Anna and Megan, let's pick 4 of our Giftstars to be children and go to school."
Jill put Misty in the school along with 3 of her other Giftstars. Anna and Megan each choose 4 of their Giftstars to put into the school.
How many total Giftstars are currently at school?

School was over, and all the Giftstars went back to their owners.
Just then, Megan's mom was here to pick up Megan.
"Let's go. We have to hurry to dance class," said Megan's mom.
"Ok, Mom. Here, I'll split up my Giftstars," she said to her friends. She gave Jill and Anna each half of her Giftstars.
How many Giftstars does Jill now have?

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