

Name: _____

Nature - Enjoy It, Care for It

By Mary Perrin

One way to enjoy nature is to take a walk through a park. Things found in nature are trees, creeks, plants, and animals. Smell the pine trees. Look for animals. Listen for different types of birds. Nature is a word that refers to a place outdoors that has not been made or changed by people. People build buildings. They build homes. People create all kinds of new things. Buildings are man-made. They are not part of nature. People must clear the land before they begin building new things. When land is cleared, trees are torn down. Animals are forced to find new homes. Plants die. It is important for people to try to preserve, or take care of, nature. They can pick up trash. They can plant new trees. They can also recycle. Enjoy the smells of nature. Enjoy the sounds in nature. Enjoy the things you see in nature. They are very different from the smells, sounds, and sights in a crowded city.



Nature - Enjoy It, Care for It

Questions

1. To make sure that people will always be able to enjoy nature, nature must be _____.

- _____ 2. Which of the following is NOT part of nature?

A. a skyscraper
B. a stream
C. a pine tree
D. a cave

- _____ 3. The main idea of this passage is that nature is _____.

A. something that should be enjoyed and taken care of
B. constantly changing
C. a place to go when you get a headache
D. where animals live

- _____ 4. Nature is something that has not been made by people.

A. true
B. false

My Name: _____



**Think it. Draw it! This is a picture of
a party for Earth. The other planets
were invited to the party!**



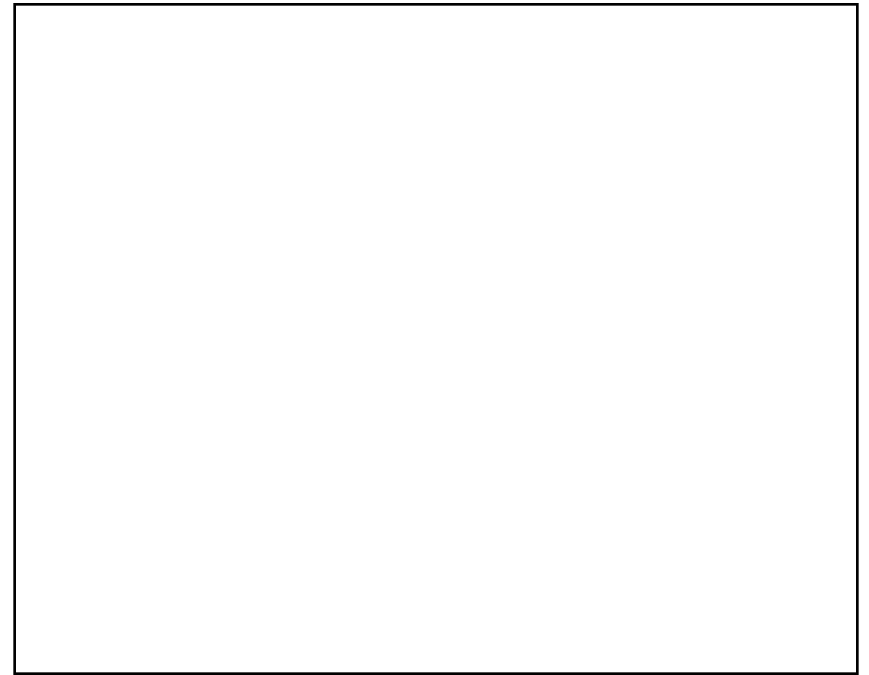
Recycling

Name a person who is extremely good at reducing, reusing, and recycling materials.

In my opinion, the easiest thing to remember to recycle is

In my opinion, the most difficult thing to remember to recycle is

Where does your family place things to be recycled?



Draw a picture of four things that can be recycled.



Earth Day

I'm going to tell these three people about Earth Day:

1. _____
2. _____
3. _____



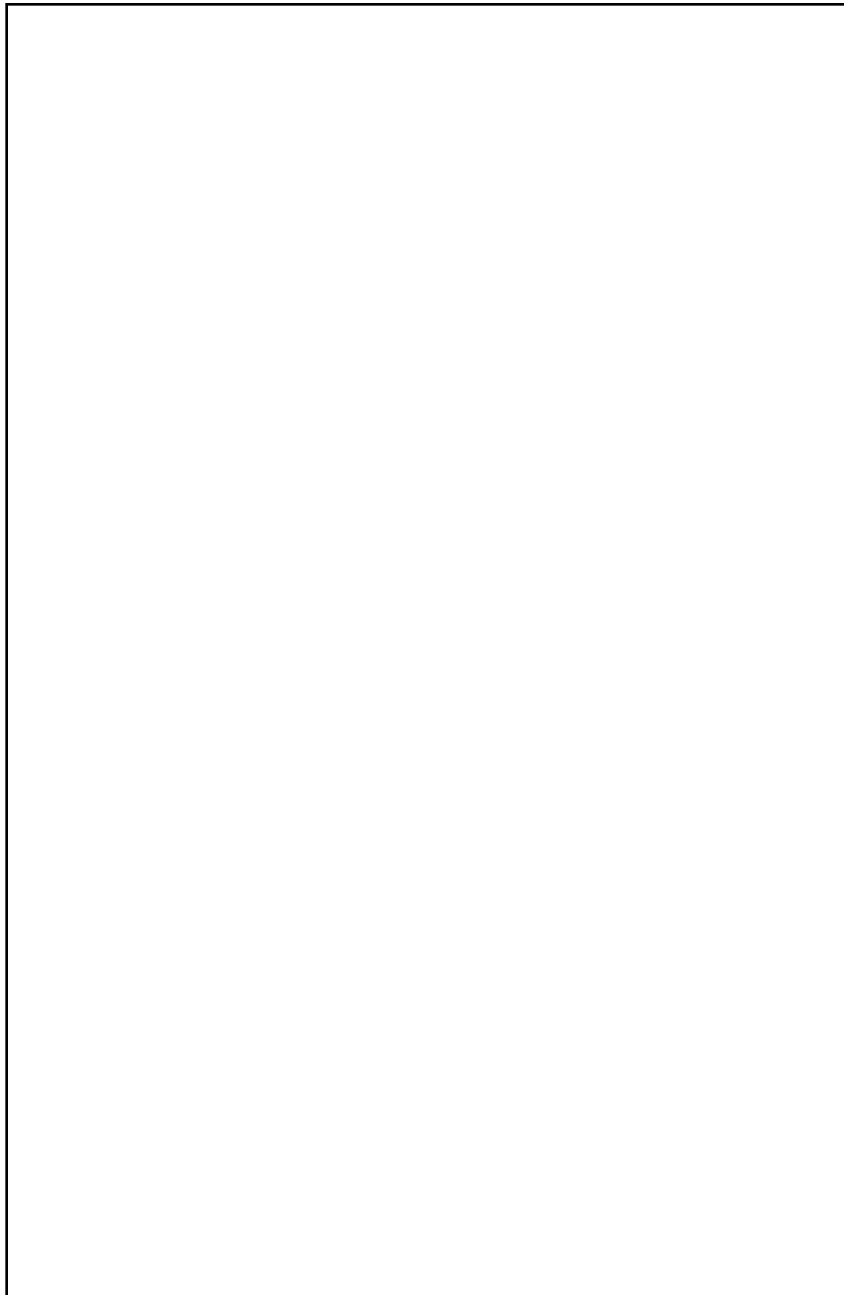
Think it and Draw It!

What does it mean to go "green"? It means that people are doing things to help protect the Earth from harm.

Create a "green" superhero that saves the Earth from pollution.

What is your superhero's name?

What does your superhero do to help the Earth?



Draw a picture of your superhero as he/she protects the Earth.



Light Bulbs

How many light bulbs are in your room?

Which room in your house has the most light bulbs?

How many light bulbs are in that room?



Our School

What do you do with your school papers after your teacher has graded them and you have shown them to your parents? (circle one)

Throw them in the trash.

Place them in the recycle bin.

We keep all my papers.

other: _____

Circle all the things that your class does.

recycles paper

turns the classroom lights off when no one is in the room

uses a manual pencil sharper instead of an electric sharpener

keeps windows shut when the school's air conditioner or heater is running

recycles ink cartridges

recycles batteries

A large tree fell in the school yard. What do you think your school should do? (circle one)

Leave it alone.

Chop it up and use it as firewood.

Use it in the playground.

Call someone to come haul it away.

other: _____



Trash

Three things that I've put into the trash this week:

1. _____
2. _____
3. _____



Reduce your Mail

Who is sending mail to your family?
Look at the mail your family received this week. Write three things that were received.

1. _____
2. _____
3. _____

Thermostat in your Home



We keep our home at

_____ degrees

Fahrenheit during the day and

_____ degrees

Fahrenheit while we sleep.

Name: _____

Celebrating Earth Day

By Kathleen W. Redman

Last summer, Ashley had a big birthday party. She celebrated her tenth birthday with one of the best parties she had ever had. So many people were there! Her family and most of her friends came to celebrate. It was a really good time with a lot of food, cake, and ice cream!

So many people were planning to come that her parents decided to have the party outside. They chose one of Ashley's favorite places in town. The big park in the middle of town was perfect. It had big, grassy areas, a lot of trees, and a picnic area.

One of Ashley's favorite activities at the park is watching the fireworks on Independence Day. Every year, her family joins hundreds of other people at the park to watch fireworks fill the night sky. It is always a beautiful evening, and everyone has a wonderful time.

Ashley and her family take good care of the park when they use it. They always pick up their trash and put it in the cans. They are careful when they use the park equipment, like the picnic tables and the baseball field.

One day after school, Ashley went to the park. She saw a sign there asking for help. The park managers needed people to help clean the park and plant new trees. It seemed like a lot of work. However, Ashley decided to help because she loves the park so much.

Ashley's mom called the park managers and said that she and Ashley would help. April 22, Earth Day, was the day of the big cleanup. Ashley was excited to work on the park to make it better. She even got some of her friends to volunteer, too.

The big day came, and Ashley and her mom got up really early. They headed to the park and found a lot of people already working. Ashley got busy helping pick up trash. With a pair of gloves and a trash bag, she picked up all sorts of things. She picked up bags, plastic bottles, and candy wrappers. There seemed to be a lot of trash.

When Ashley had finished picking up trash in her area, she got to help plant a tree. She helped another volunteer dig a hole and put an oak sapling in it. After they put the dirt back in the hole around the tree, they watered it very well. Volunteers planted ten saplings that day.

The park looked so much better, Ashley thought, because so many people helped. All the volunteers worked very hard. Ashley was very proud of the work she did in the park. She hopes she'll get to watch those saplings grow into big, beautiful trees!



Celebrating Earth Day

Questions

- _____ 1. What is the main idea of the last paragraph of the story?
- A. Ashley had a birthday party at the park.
 - B. Ashley's mother helped pick up trash.
 - C. Many people worked together to make the park look better.
 - D. Ashley is a good person.

Name: _____

_____ 2. Use context clues to decide what the word *sapling* means in paragraph 8.

- A. a tree planted by volunteers
- B. a dead tree
- C. a young tree
- D. a special tree

_____ 3. What is one of Ashley's favorite places in town?

- A. the museum
- B. the park
- C. Main Street
- D. the mall

4. How do Ashley and her family treat the park?

5. What kind of help did the park managers need?

_____ 6. On what date is Earth Day celebrated?

- A. April 12
- B. April 22
- C. March 13
- D. May 5

_____ 7. On Earth Day, Ashley went to the park with:

- A. her mother
- B. the park managers
- C. her friends
- D. her father

_____ 8. How did Ashley feel about the work she did at the park?

- A. worried
- B. stressed
- C. sad
- D. proud

Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

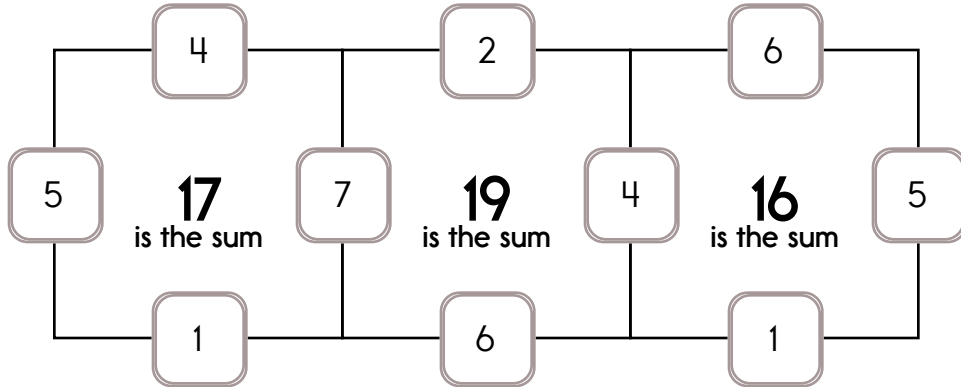
Example:

$$5 + 7 + 4 + 1 = 17$$

Example:

$$4 + 5 + 6 + 1 = 16$$

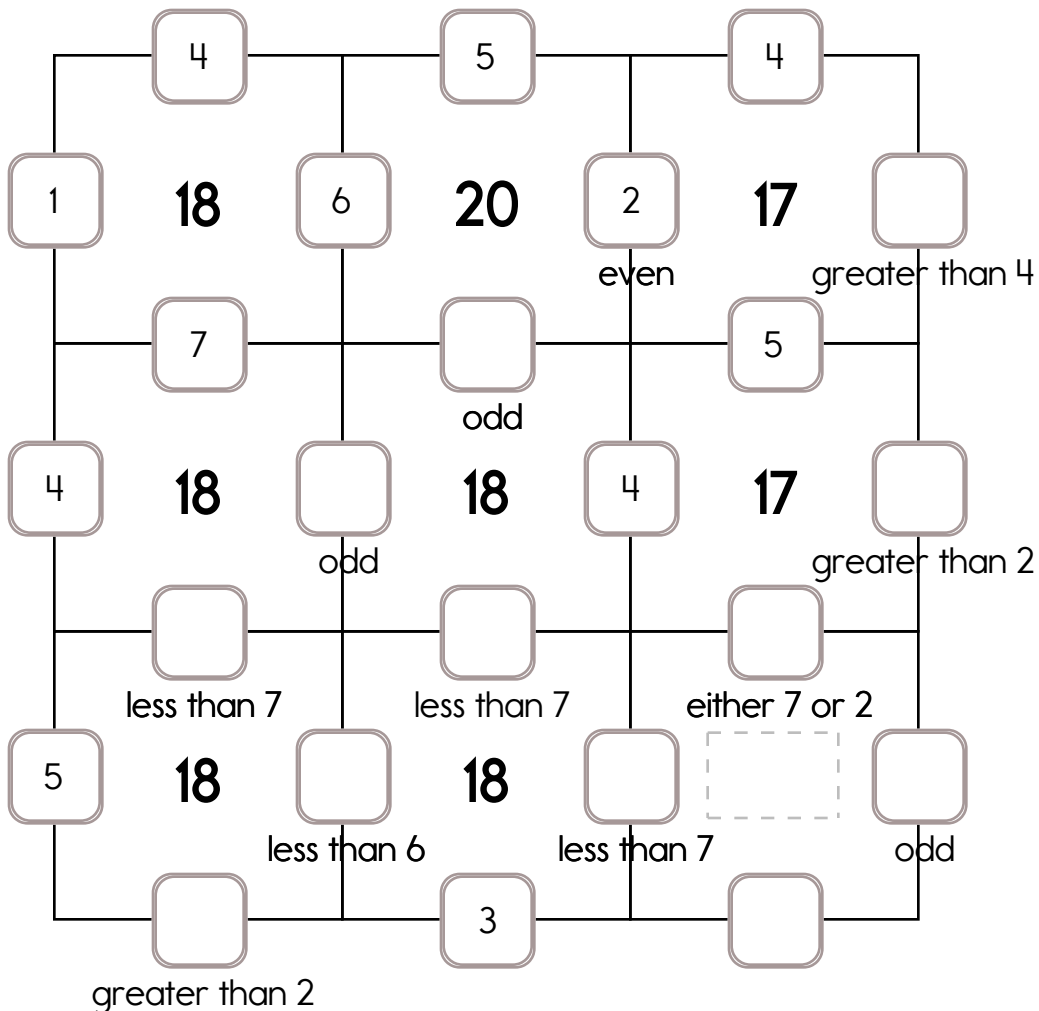
Sample:



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

The other three numbers have to all be **DIFFERENT** and must be from these: 4, 5, 6, or 7.

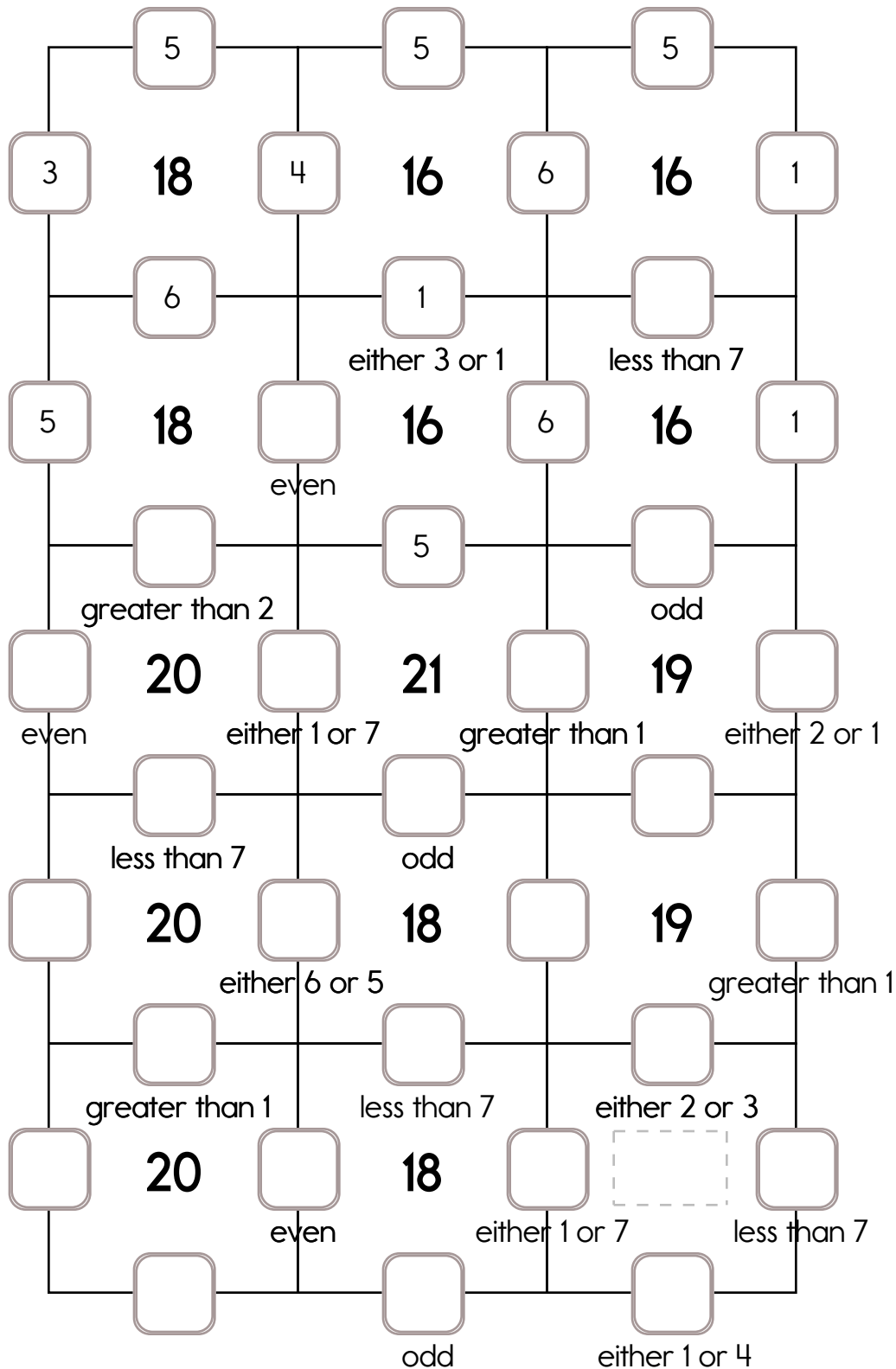


Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: 1, 2, or 3.

The other three numbers have to all be **DIFFERENT** and must be from these: 4, 5, 6, or 7.



Name _____

Be a Recycling Superhero!

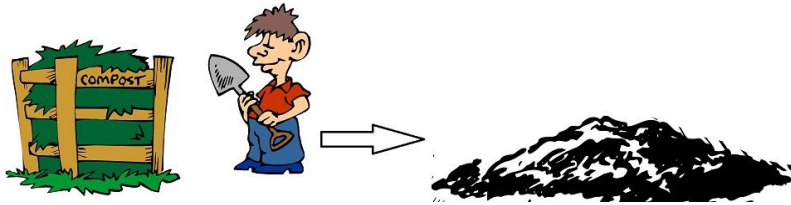
Answer the following questions **BEFORE** you read this book. Write what you know. If you want to guess, you can. You will **NOT** be marked wrong!

1. Does your family recycle? Why or why not?

2. What kinds of things can be recycled? List as many as you can think of.



Have you finished drinking all that soda? Don't throw the can in the trash! Recycling means reusing wastes to make something new. Recycling is one of the easiest things we can do to take care of the Earth. What kinds of things can be recycled? Glass jars and plastic bottles can be recycled. Soda cans made from aluminum and food cans made of steel can be recycled. Newspapers and cardboard can be recycled. Your school paper and junk mail can be recycled, too.



Yard waste is another thing that can be recycled. Grass clippings, tree branches, leaves, and weeds are yard waste. Banana peels and other fruit and vegetable scraps from the kitchen can go in with these. All these things can be turned into compost. Compost is decayed plant matter. It enriches the soil and helps plants grow. Making your own compost is easy to do. Some cities collect yard waste and make compost with it. The compost is then sold or sometimes given away to gardeners.



Even those plastic shopping bags can be recycled! Most stores have receptacles where you can return used bags. Americans use 100 billion of these bags every year. It is better to bring your own reusable cloth bags to the store when you shop. But if you must use disposable bags, please recycle them!



Recycling is good for the Earth. It reduces waste. It reduces our need for more landfills. It saves energy. It causes us to use fewer natural resources. Making a new aluminum can from an old can uses only 5% of the energy it would take to make a new can from raw materials. Recycling just one aluminum can saves enough energy to power a television set for three hours! Recycling is the right thing to do. So the next time you're about to throw something into the trash, stop. Ask yourself: Can this be recycled? The Earth needs YOUR help! YOU can be a recycling superhero!

Name _____

Be a Recycling Superhero!

Answer the following questions **AFTER** you have completed this book.

1. In what ways does recycling help the Earth?

2. What things can be recycled? Circle your answers.

cardboard

glass

newspaper

plastic bottles

school paper

compost

meat scraps

pencils

plastic shopping bags

yard waste

[illegible]

Name: _____

A Frog's Eye View

By Kathleen W. Redman

What is it like where you live? Do you live in a city? Do you live in the country? Are there lots of trees? Do you have thousands of creepy, crawly bugs? What is special about where you live?

Oops! I forgot to tell you who I am. My name is Rod, and I am a rocket frog. I live in a rain forest in Australia. My body is shaped liked a rocket. I can jump like a rocket, too.

Speaking of rain forests, do you know what a rain forest is? It should not be hard for you to guess. A rain forest is a forest that gets a lot of rain. I am not kidding. Rain forests get an average of one hundred inches of rain each year!

Rain forests are called "jewels of the earth." Because there is so much rain, there are many different kinds of trees and plants in rain forests. Scientists believe that more than one-half of all the kinds of plants and animals on earth live in rain forests! There are more than 2,500 different kinds of vines in rain forests.

More important to me are the insects. Well, I have to eat, you know! I call them bugs. There are butterflies, mosquitoes, and huge ant colonies. Rain forests are great places for frogs to live.

Why should you care about rain forests? That's a good question. I have a good answer, too. Do you like to breathe? Since you have to breathe to live, you might like to know that forty percent of the Earth's oxygen comes from rain forests.

Rain forests are a very important place to get medicine, too. I'll bet that you think that medicine comes from the doctor or a pharmacist. Well, it does, but about one-fourth of the medicine we take comes from plants in a rain forest.

For example, curare and quinine are two things we get from rain forest plants. Curare is used to relax muscles. Quinine is used to treat malaria. Ingredients from the rosy periwinkle are used to treat a kind of cancer. Rain forests are not just beautiful. They are very important to our health, too.

Many trees are cut down from rain forests each year. The land is being used to grow grass for cattle ranching, to grow food crops for people, or to build houses for people. Millions of acres of rain forest land is cleared of trees every year. This is called deforestation (dee-FOR-ist-a-shun).

Some scientists think all the rain forests will be gone in about forty years. All the plants, the animals, and the insects will be gone, too. Think of all the beauty we will lose. Think of the air we need to breathe. Think of the medicines we will not have.

You probably do not live in a rain forest. My family and lots of other frog families live in a rain forest, though. It is our home. Please help me keep my home just like it is now.



Name: _____

A Frog's Eye View

Questions

1. What is a rain forest?

2. What are rain forests sometimes called?

_____ 3. Who is telling us about rain forests?

- A. Reg
- B. Rod
- C. Rob
- D. Reed

_____ 4. What kind of frog is telling the story?

- A. white-lipped tree frog
- B. waterfall frog
- C. rocket frog
- D. nursery frog

_____ 5. Where is this frog's home?

- A. South Africa
- B. Australia
- C. Venezuela
- D. Peru

_____ 6. About how much of the oxygen in our air comes from the rain forests?

- A. thirty percent
- B. twenty percent
- C. forty percent
- D. fifty percent

_____ 7. Which one of these medicines is NOT made from ingredients found in a rain forest?

- A. aspirin
- B. curare
- C. medicine for cancer
- D. quinine

_____ 8. Scientists believe that if things don't change, all rain forests will be gone in about _____ years.

- A. twenty
- B. thirty
- C. forty
- D. fifty

Name: _____

Cross off the number that does NOT belong.

3, 4, 3, 3, 3, 4, 3, 3, 3, 3, 3, 4, 3, 3, 3,

3, 3, 3, 3, 3, 4, 3, 3, 3, 3, 3, 3, 3, 3

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

190, 200, 210, 220, 230, 240, 249, 250, 260

Why does _____ not belong in the pattern?

Name: _____

Complete the pattern.

12	18	24	30	36	42	<u> </u>	<u> </u>
----	----	----	----	----	----	-------------------	-------------------

24	32	40	48	56	64	<u> </u>	<u> </u>
----	----	----	----	----	----	-------------------	-------------------

25	30	35	40	45	50	<u> </u>	<u> </u>
----	----	----	----	----	----	-------------------	-------------------

2	4	6	8	10	12	<u> </u>	<u> </u>
---	---	---	---	----	----	-------------------	-------------------

Complete the pattern.

36	45	54	63	72	<u> </u>	<u> </u>	<u> </u>
----	----	----	----	----	-------------------	-------------------	-------------------

3	6	9	12	15	<u> </u>	<u> </u>	<u> </u>
---	---	---	----	----	-------------------	-------------------	-------------------

8	12	16	20	24	<u> </u>	<u> </u>	<u> </u>
---	----	----	----	----	-------------------	-------------------	-------------------

Name: _____

Complete the pattern.

4

5

6

7

8

50

60

70

80

90

21

28

35

42

49

4

6

8

10

12

Complete the pattern.

24

30

36

42

48

15

18

21

24

27

12

16

20

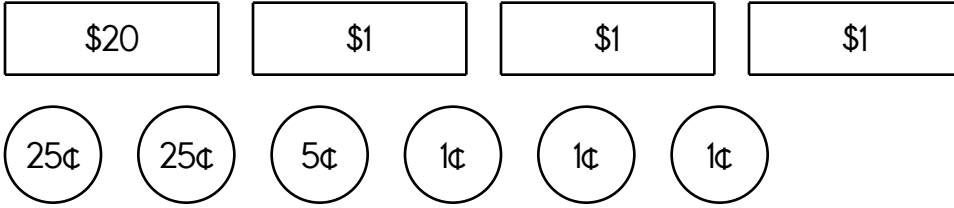
24

28

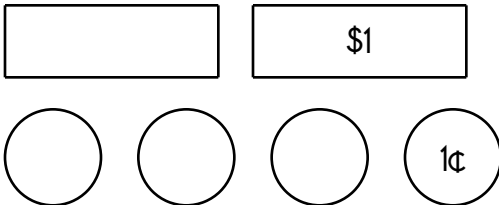
Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

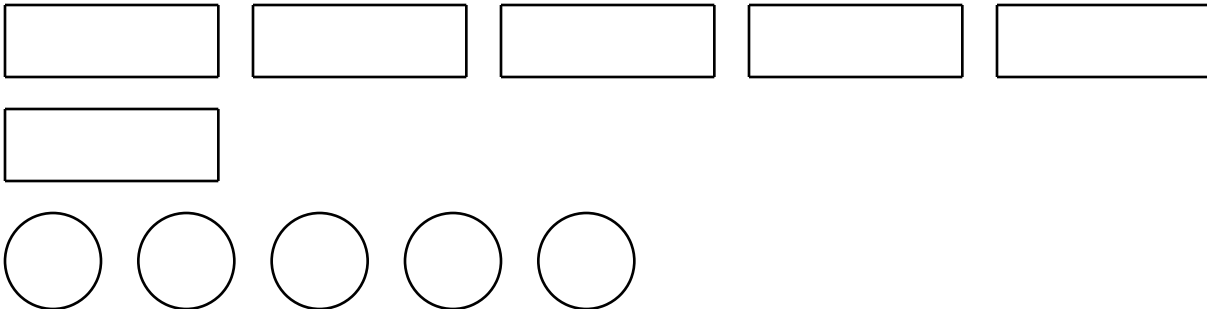
Use the fewest bills and coins to make \$23.58.



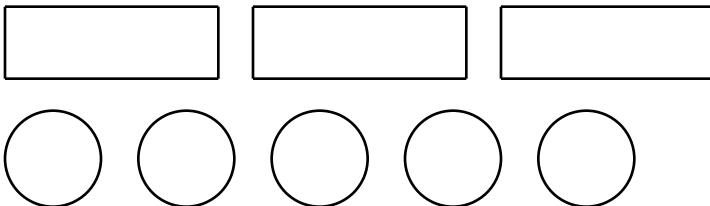
Use the fewest bills and coins to make \$11.22.



Use the fewest bills and coins to make \$34.14.



Use the fewest bills and coins to make \$22.47.



Name: _____

Let Your Fingers Do the Marching

By Jody Williams

What does it mean to march? People can march in a band. Ants can march through a picnic. Children can march to music. Now, people can march on their computers. Laurie David started a Virtual March on Washington. She uses the computer to teach people. She wants people to learn about global warming. Laurie wants people to know what it is doing to the Earth. She wants people to know it is a problem.



Global warming is when the Earth's temperature gets higher. A warmer Earth changes how much rain we get. It makes the sea level rise. It affects plants, people, and animals. Some scientists have said that global warming makes the hurricanes stronger. Global warming is caused by people.

Laurie says that our seasons have changed. It is because of global warming. What we expect winter to be like is changing. Summer time is changing too. They are getting warmer. Laurie believes that people can stop this problem.

The leaders in Washington, D.C. make the laws. Laws can be changed. People need to speak up about what they want. Laurie is speaking up. She wants other people to speak up too. Laurie has started the Virtual March. She uses the Internet to get her voice heard. She hopes that the march gets big and strong. Laurie wants Congress to hear her. She wants our country to see that global warming is happening. She wants us to admit that people are causing it. Laurie wants help in solving the problem.

Laurie believes that kids can help. She knows that kids use their computers. She wants them to use their computers to learn about global warming. She wants kids to join her march. They can let their fingers do the marching! She wants them to get others to join. Laurie believes everyone needs to start helping today. What will the world be like when you are a grown-up?

Let Your Fingers Do the Marching

Questions

1. How is Laurie David using her computer to help stop global warming?

- _____ 2. What is global warming?

- A. When the Earth's temperature gets warmer
- B. When everyone goes to the beach
- C. When people warm globes
- D. When the sun gets bigger and bigger

- _____ 3. A warmer Earth _____.

- A. changes how much rain we get
- B. makes the sea level rise
- C. affects plants, people, and animals
- D. all of the above

Name: _____

_____ 4. Some scientists believe that global warming is what makes hurricanes so strong.

- A. false
- B. true

5. Why is Laurie David speaking out to Washington, D.C.?

_____ 6. What is Laurie's Virtual March?

- A. a pretend band
- B. a march using the Internet
- C. a new month
- D. none of the above

7. What three things does Laurie want to happen because of her march?

8. How can kids help Laurie?

How many dots on the bug?



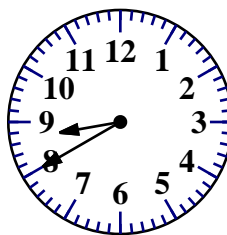
$$\begin{array}{r} 29 \\ + 10 \\ \hline \end{array}$$

How much is this?



Rose 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.

What time is it?

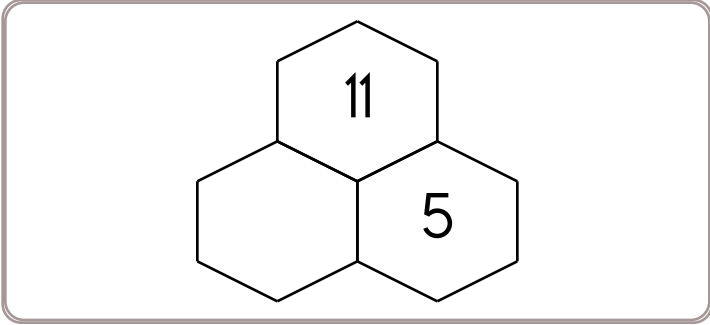
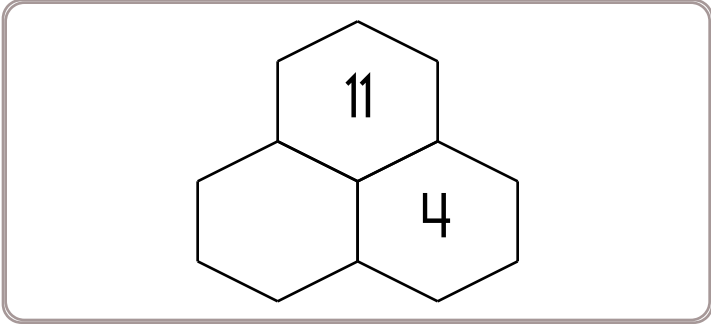
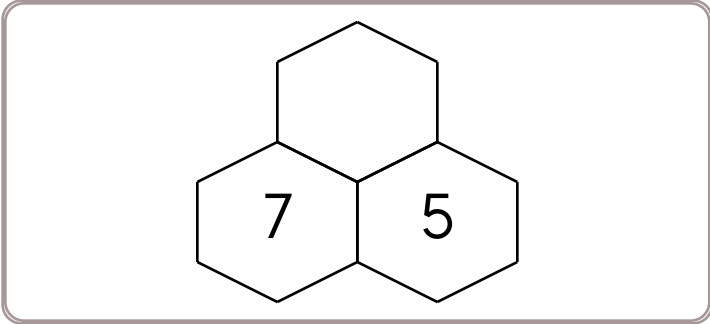
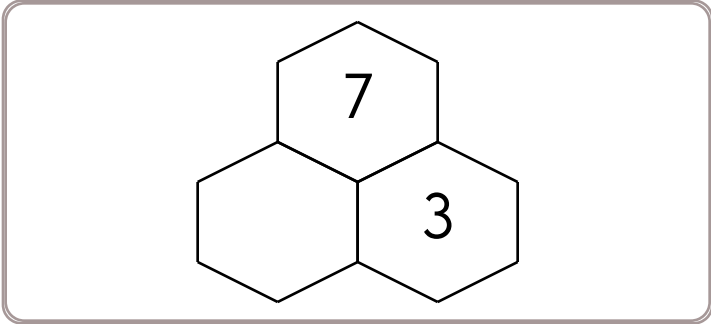
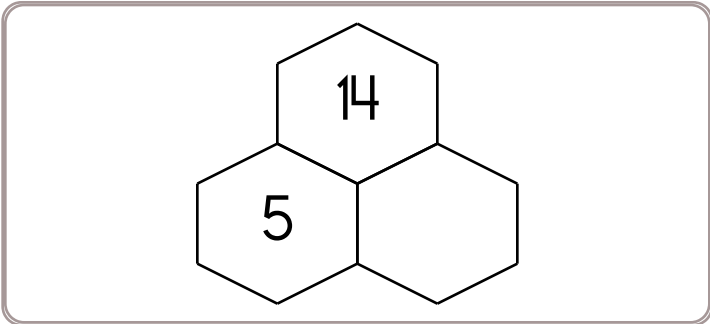
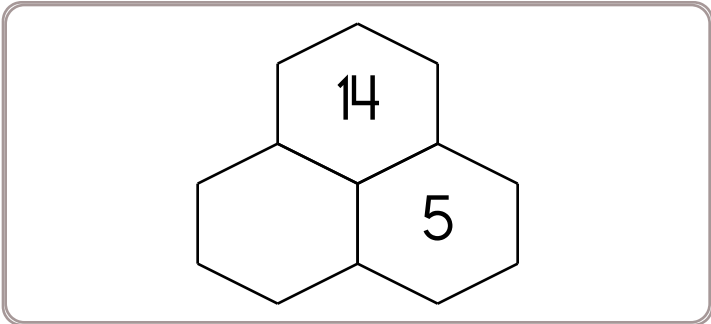
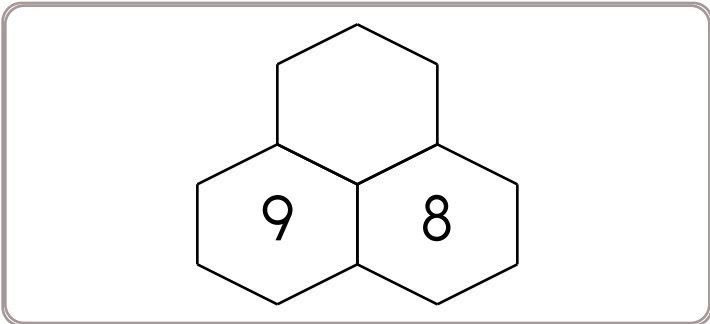
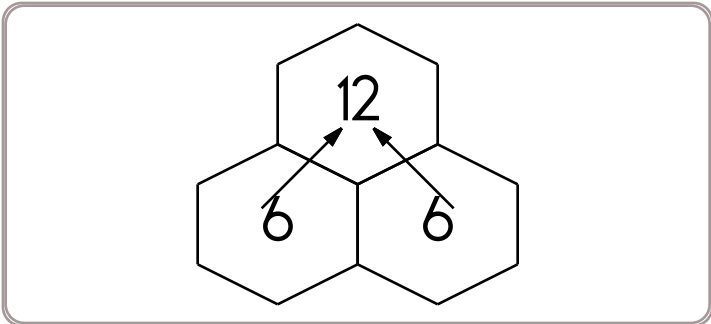


____:____

Hannah took an empty half gallon milk carton and filled it with jelly beans. Write a number to estimate how many jelly beans are in the milk carton.

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



How many?

96, _____, _____, _____,
 _____, _____, 102

Name _____

Do You Recycle?

Answer the following questions **BEFORE** you read this book.
Write what you know. If you want to guess, you can. You will **NOT**
be marked wrong!

1. Does your family recycle? Why or why not?

**2. What kinds of things can be recycled?
List as many as you can think of.**

3. What happens to garbage?



Recycling means reusing something to make something new.
Recycling is one of the easiest things we can do to help the
environment.



Recycling reduces energy consumption, which primarily comes from
non-renewable resources like coal and oil.



When we recycle, we also reduce the amount of natural resources needed to produce items in the first place. For instance, using recycled paper helps us cut down fewer trees to make paper products.



Before you throw something in the trash, ask yourself, "Can this be recycled?"



Much of our household trash can be recycled instead of having to go into a landfill. No one wants to live near a landfill! Recycling reduces our need for more landfills. You can recycle paper, plastic, glass, aluminum cans, and steel or "tin" cans. Used motor oil, yard waste, batteries, and old electronics (e-waste) can be recycled, too.



Recycling is easier today than ever before. Many communities have curbside recycling programs. They pick up paper, cardboard, plastic, glass, cans, yard waste, and other materials right at the homeowner's curb.



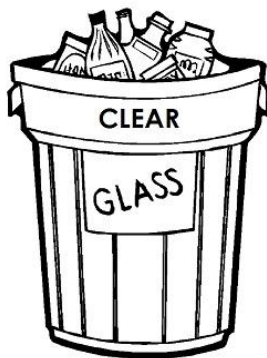
Those communities that don't pick up at the curb usually have drop-off places for the same items.



Yard waste is easy to recycle. Grass clippings from mowing the lawn go into a yard waste can or paper bags. Branches and leaves from trees and shrubs, weeds pulled from the garden, and even food (fruits and vegetables) can be recycled, too. In many communities, a city truck comes around to pick up yard wastes once a week. City workers turn yard waste into compost. It is given away to gardeners who use it to enrich their soil.



Separate items so that recycling is easy. Use different bins for recyclables. Cans, glass, and plastic can be recycled. Newspaper, cardboard, and mixed paper can be recycled. Mixed paper includes junk mail, old magazines, and packaging like pizza and cereal boxes.



Aluminum cans, like soda cans, and steel cans, like the ones that hold canned vegetables, must be separated. Glass should be separated by color: green, clear, and brown.



Many plastic containers can be recycled. Plastic is separated by its number. On the bottom of most plastic containers, you will see a little triangle with a number inside it. There may be letters, too. In some cities, only plastic numbers 1 and 2 will be picked up at the curb. If a plastic container has the number 3 or higher, it must go into the trash. Some cities will accept plastic with numbers up to 5 or even 7. Find out the rules in your community.



Why should you recycle? Recycling reduces waste. The average American throws away seven pounds of garbage every day. With the U.S. population of more than 320 million, that's a lot of garbage! Less than one-quarter of it gets recycled. Most of this garbage goes into landfills where it's compacted and buried. If more people recycled even half of their garbage, it would greatly reduce the need for more and more landfills as our Earth fills up with more and more people.

patagonia®

Recycling is good for our economy. American companies rely on recycling programs to provide much of the raw materials they need to make new products. Patagonia is an American clothing company that makes outdoor clothing. Since 1993, it has been making recycled polyester from plastic soda bottles. Patagonia says it was the first outdoor clothing manufacturer to transform trash into fleece. Recycling and buying things made from recycled products creates demand for more recycled products.



Recycling saves energy, and it's good for the environment. Recycling requires far less energy, uses fewer natural resources, and keeps waste from piling up in landfills. Making new aluminum cans from old aluminum cans uses only 5% of the energy it takes to make new cans from bauxite ore. And an aluminum can will sit for hundreds of years in a landfill before it decomposes. If recycled, an aluminum can will be back on the grocery store shelf in only six weeks. Recycling just one aluminum can saves enough energy to power a television set for three hours!



Recycling saves money, and it creates jobs. American communities spend more money getting rid of their garbage than they do for fire protection, parks, libraries, or schoolbooks. More than one million workers in the U.S. are employed by the recycling industry.

Name _____

Do You Recycle?

Answer the following questions **AFTER** you have completed this book.



Recycling helps wildlife. Using recycled materials reduces the need to cut down trees and damage forests, wetlands, rivers, and other natural places that wildlife depends on. Learn more about recycling. If you don't already recycle, please start. If you already recycle, try to do even more. Save the Earth! It's in our hands.

1. In what ways does recycling help the Earth?

2. In the United States, only about _____ of all trash gets recycled.

3. How is yard waste recycled?

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

[illegible]