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Reading Section

A Homework Story

You never know what you will learn when you do your homework, and you may be smarter than you think. 1 My friend told me this interesting story about a math student. One day, the student, George, arrived late for a university math class. When he went in and sat at his desk, he saw that there were two math problems written on the board. He thought that these were homework problems, so he quickly wrote them down. Later, at home, he worked very hard to solve these math problems. They were very difficult and it took him several days. Finally, he took his completed homework to the professor's office. He apologized for finishing so late. The professor just said to put the homework on his desk

Early on a Sunday morning about six weeks later, George heard a knock on his front door. It was the 2 professor! He was very excited, and was shouting, "Congratulations!" George was very confused. Finally, he understood what happened. The two problems that were on the board in class were not for homework. They were two famous problems in statistics that no one ever solved! The professor only wrote them on .the board as examples of unsolved problems

Because George was late to class, he didn't know that the problems were unsolved, and he didn't think 3 they were impossible. He thought there must be a solution, so he worked until he found it. Of course, the professor was very impressed by George's intelligence. His solutions to the problems were later published.

!! think the lesson in this story is to always do your homework

* ?How many math problems did George solve

2

two



one

four (

* ?Where did George work on the problems
in class
at his professor's office
at home
* ?How long did it take George to solve the problems
a few days
a month O
a few weeks
* ?What didn't George know about the probelms
They were very difficult
They were impossible.
They were previously unsolved.

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Reading Section 2

Monkey Math

Researchers at Duke University recently tested the math skills of college students and monkeys. Unlike 1 previous experiments, both the monkeys and the humans took the same test. Surprisingly, researchers found that monkeys were almost as accurate as college students in math tasks with addition. The participants (human and monkey) had to quickly add up the number of dots on a screen. The task required them to give a quick estimate of the sum. Both the monkeys and the humans answered in about one second. The humans were correct about 94% of the time, and the monkeys were correct about 76% of the time.

The scientists say that the results show monkeys can do mathematical thinking. Researchers are 2 beginning to understand that the ability to do math is not just a human characteristic. Studying animals' math skills can help us understand how humans do math. The study also shows that some types of math skills are not learned, but are common to all humans, and some monkeys, too. Previous studies have .shown that rats, birds, and other animals can also do simple math tasks

?Read the inference. Can you make the inference based on the article

*. In earlier experiments, humans and animals did not take the same test

es C

no

0

* .Researchers chose college students because they are very good at math

yes



no



* .Monkeys are smarter than rats and birds at doing math
yes
no O
* .Researchers did not expect monkeys to be as accurate as college students
no O
yes yes
I didn't know how to set up my new computer, so when my brother visited me last
*.weekend, he everything for me
certified O
installed ()
interacted O
*.One of my new cell phone is that youc an record videos with it
feature ()
item O
consequence

* ?What did you use to learn how to play the	e guitar
less	son O
meth	nod 🔘
conc	ept 🔘
In the experiment, the researches studied the of the children * .interacted with	
behav	_

Look at the dictionary entries. Then choose the best response.

bank l noun [count]

> FOR MONEY an organization that keeps money safely for its customers; the office or building of such an organization. You can take money out, save, borrow or exchange money at a bank.: Is there a bank near here where I can cash some traveler's checks? ♦ He withdrew some money from his bank account. She got a loan from the bank to buy a new car.

>SOMETHING COLLECTED/STORED a supply of things that you keep to use later: a data bank • a blood bank >OF RIVER the ground along the side of a river or canal: People were fishing along the banks of the river.

>SLOPE (geography) any area of sloping ground: There were grassy banks on either side of the freeway. >OF CLOUDS/SNOW, ETC. a mass of snow, clouds.

etc.: a snow bank

bank 2 verb [I] to keep your money at a particular bank: I bank at First National Bank. [PHR V] bank on sb/sth to expect and trust someone to do something, or something to happen: You can try to get a ticket, but I wouldn't bank on succeeding.

* ?"How many definitions are there for the word "bank

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* ?"What is the comparative form of the adjective "safe
safest O
✓ safer
more safer
* ?"What is the comparative form of the adjective "realistic
more realistic
most realistic O
realisticer O
We both like sports, reading, and learning languages. We have a lot *
increase in O
succeed in O
in common ()

* .I you with lunch as soon as I finish my phone call
help O
was helping O
will help will help
* .Yesterday I the new movie by my favorite director
will see O
saw
was seeing O
*.I at the same school since 2006
will teach
taught O
have taught
* .Today was a day
really hot

Yesterday she bought a new chair to use on her front porch, but it threw away broke out fell apart * .you cook dinner, you should go grocery shopping As soon as Before (While التالي



Writing Section

* ?Which of	the	following	is NOT	a wa	y to	improve	sentence	variety
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Use long and short sentences.

Combine two short sentences into one sentence.

* .Jim likes chocalate ice cream ____ she doesn't like vanilla ice cream



but



or

and (

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