

What do you want to be when you get older? What type of career do you want to have? Where do you want to go to college?

Name _____

• **Subtracting Across Zeros**

To subtract from a three-digit number that ends in two zeros:

Step 1: Line up the digits by their place value.

Step 2: Trade a hundred for 10 tens.

Step 3: Trade a ten for 10 ones.

Step 4: Subtract the ones, then the tens, then the hundreds.

Practice:

Subtract using pencil and paper or money manipulatives.

1.
$$\begin{array}{r} 900 \\ - 123 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 300 \\ - 171 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 200 \\ - 24 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 500 \\ - 52 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 400 \\ - 124 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 600 \\ - 19 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 100 \\ - 42 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 700 \\ - 274 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 700 \\ - 317 \\ \hline \end{array}$$

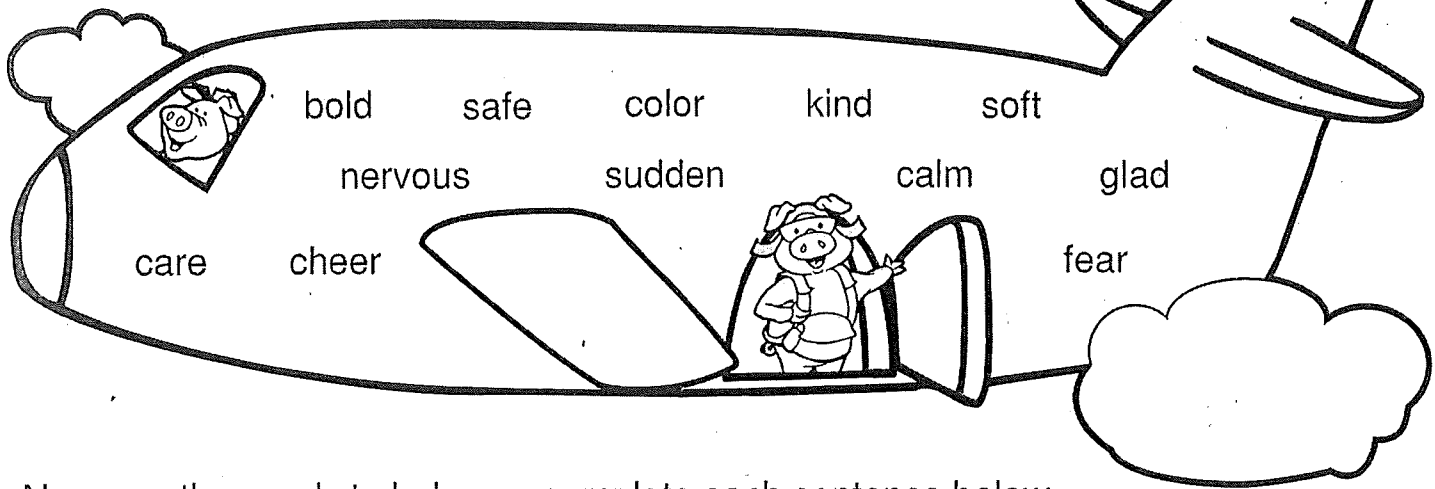
10. Jeremy's father bought groceries that cost \$87 altogether. He paid with a \$100 bill. How much change did he get back? _____
11. Camille had two \$100 bills. She bought a new bicycle for \$147. How much money does she have now? _____

Name _____

Suffixes: *-ful, -ly, -ness*

Parachuting Percy

Read each word on the airplane.

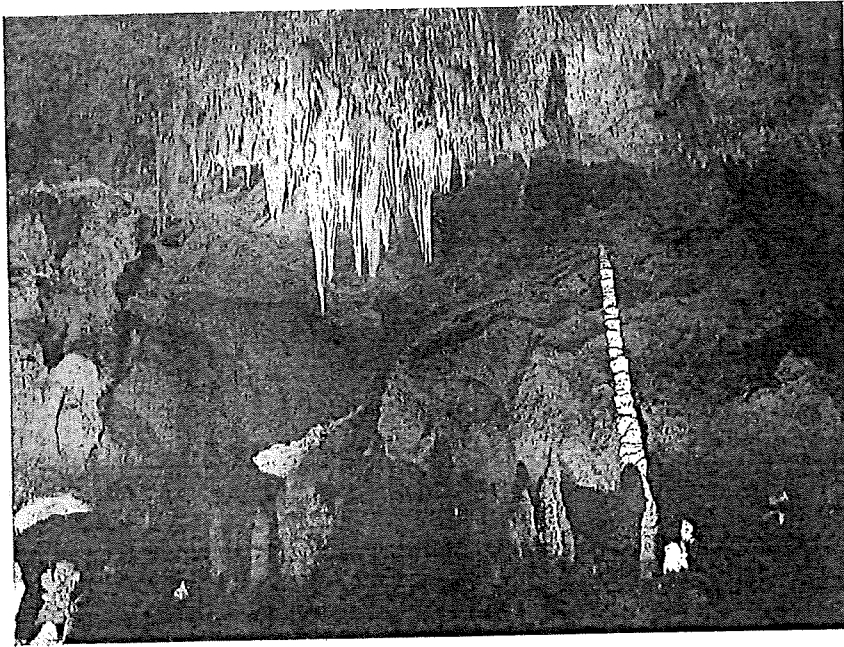


Now use the words to help you complete each sentence below.
Add the suffix *-ful, -ly, or -ness* to each word as you use it.

1. Percy Pig was _____ as he boarded the airplane.
(full of fear)
2. He tried to be more _____.
(full of cheer)
3. His instructor _____ told him to relax.
(in a calm way)
4. Her _____ made him feel better.
(state of being kind)
5. As the plane flew higher, Percy was _____ to check his parachute.
(full of care)
6. Then he looked _____ out the window.
(in a nervous way)
7. He imagined the _____ of the clouds.
(state of being soft)
8. Percy _____ felt braver about making the jump.
(in a sudden way)
9. He surprised his instructor with his _____.
(state of being bold)
10. In the air, his _____ parachute opened wide.
(full of color)
11. He _____ drifted to the ground.
(in a safe way)
12. Percy the parachuting pig squealed with _____!
(state of being glad)

Bats Galore!

By ReadWorks



Imagine watching hundreds of thousands of bats swirl around you, swarming to form a large, black mass that flies off into the horizon. At Carlsbad Caverns in New Mexico, this scene is a regular occurrence. The caverns, located in a United States National Park, are home to around 400,000 Mexican free-tailed bats that fly out into the night sky each evening at dusk to feed on nearby moths and insects, returning at dawn to their caves. The spectacle draws crowds from around the world into the Chihuahuan Desert, where the park is located. One such visitor was Laurel Mathews, who once visited the caves with her family on a road trip.

“At the entrance to one of the caves, there’s stadium seating for visitors to watch the bats,” she remembers. “We waited a long time to see them. Finally, they started circling out of the cave and they flew off—out came more and more and more, all of them flying in loops and then out into the sky. It was amazing that there were so many!”

Laurel also remembers the sound the bats made, describing the high, screeching noise. “It was really creepy, but also really cool,” she says.

Upon their arrival to the Carlsbad Caverns National Park, the Mathews family was greeted by a lone visitors’ center. “It didn’t look very spectacular when we first drove in,” she admits. “But then we started exploring the big network of underground caves.”

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The formation of the caves is a result of a fossilized reef that existed 250 to 280 million years ago in an inland sea that has long since disappeared. Since limestone is typically made up of fragments of coral, a large limestone deposit eventually formed in the area. Today, you can still find several fossilized plants and animals in the caves' limestone that date back to a time before dinosaurs walked the earth. Starting sometime between four and six million years ago, water began moving through the cracks in the stone deposit. This water combined with rainwater, and as a result of their chemical compositions, the two mixed to form a type of acid. This acid slowly dissolved the limestone to eventually form the winding caves that exist today in Carlsbad Caverns. This is a very common process that happens to limestone—many caves all around the world exist in limestone deposits due to the stone's solubility (the ability of a substance to be dissolved) in a mixture of water and acid.

Eventually, speleothems—formations that arise from mineral deposits in caves—began to take shape in the lower levels of the caverns. In fact, these speleothems existed during the last ice age, when instead of a desert, a pine forest sat above the caves. Over the years, park employees and rangers have found clues that hint at the caves' history. For example, according to the National Park Service, people have found some bones of ancient ice age animals scattered around the entrance to some of the caves. In 2003, an employee found a part of a stone scraper dating back to the last ice age near a cave entrance as well. Clearly, the caves have a long history—researchers have discovered that American Indians first inhabited the area sometime between 12,000 and 14,000 years ago. Ever since then, the caves have been explored by several groups, including Spanish explorers in the 1500s, and later by American explorers and guides who drew attention from all across the country to the natural phenomenon.

Laurel remembers this phenomenon very well. "It took us between one and two hours to get all the way to the bottom," she says, recounting the windy pathway leading deeper and deeper into the heart of the caves. "The park had put in blue and red lights to highlight the beautiful rock formations."

Once they reached the bottom, Laurel says that she had to take an elevator to get back to the top. "My ears popped so much in the elevator!" she remembers. "It took a really long time to reach the top; I didn't realize how far down we were until we were on our way back up."

Name: _____ Date: _____

1. According to the passage, what currently lives in the caves at Carlsbad Caverns National Park?

- A Native Americans
- B bats
- C bears
- D explorers

2. What does the author describe at the beginning of the passage?

- A how speleothems are formed
- B the formation of limestone caves
- C fossils found in Carlsbad Caverns
- D watching bats at Carlsbad Caverns

3. Limestone deposits can help researchers learn about what the area was like thousands of years ago. What evidence from the passage best supports this conclusion?

- A Limestone can contain fossilized plants and animals.
- B Acid can slowly dissolve limestone to form winding caves.
- C Limestone is typically made up of coral fragments.
- D Many caves around the world exist in limestone deposits.

4. "At the entrance to one of the caves, there's stadium seating for visitors to watch the bats." Based on this information, what can you conclude about the popularity of the bats at Carlsbad Caverns?

- A The bats are not a popular attraction at Carlsbad Caverns.
- B People go to Carlsbad Caverns to see the caves, not the bats.
- C The bats are a popular attraction at Carlsbad Caverns.
- D Most people who visit Carlsbad Caverns don't know about the bats.

5. What is this passage mostly about?

- A Laurel Mathews' family vacation
- B how bats navigate using sound
- C how speleothems are formed
- D caves at Carlsbad Caverns National Park

6. Read the following sentences: "The caverns, located in a United States National Park, are home to around 400,000 Mexican free-tailed bats that fly out into the night sky each evening at dusk to feed on nearby moths and insects, returning at dawn to their caves. The **spectacle** draws crowds from around the world into the Chihuahuan Desert, where the park is located."

As used in this sentence, what does the word "**spectacle**" mean?

- A a very impressive show
- B something that happens irregularly
- C something that happens at night
- D something that people watch with glasses

7. Choose the answer that best completes the sentence below.

_____, Laurel did not think the Carlsbad Caverns National Park looked very spectacular, but her opinion changed after she explored the caves.

- A For instance
- B Initially
- C Particularly
- D Therefore

8. What are speleothems?

9. Explain how the limestone caves at Carlsbad Caverns were formed.

10. Explain how researchers may learn about the history of the caves at Carlsbad Caverns. Support your answer using information from the passage.

3rd Grade Physical Education E-learning day

5 minutes-Movement time (students can run, jump, skip, hop or dance) Turn on some music and have fun with it!

Sitting flexibility

Legs straight feet together stretch

Legs apart – right left and middle

Butterfly

20 Sit-ups

10 Push-ups

25 Jumping jacks

Right over left/left over right

Arms behind back/shoulder stretch

Balance right/left

Repeat 5 minutes of movement time

Don't forget these are the same exercises we do in class each day so you should be familiar with all of them. Have a great day!

Ms. Ousley