

Grand Canyon Adventure¹

“Yay! It’s the first day of summer vacation,” exclaimed Miguel. “Awesome,” said Jimmie. It’s June 1st and Miguel and his 3 friends are playing in the park.

June is the _____th month of the year. How many months are in one year? There are _____ months in one year.

Miguel suddenly yelled to his friends, “Look, I found something!” Miguel’s friends ran over to see what he had found. They were amazed to see a map in Miguel’s hands. His friend Jonathan said, “I think it is a treasure map.” His friend Jimmie said, “There is not title on this map. How can we find out where the map will take us?” They sat down to think. Then Miguel said, “I think it is a map of the Grand Canyon. I learned about the Grand Canyon in my 3rd grade class. It is 277 miles long.”

Can you write 277 in words and in expanded form?

In what state is the Grand Canyon? Find it on a map of the United States.



Miguel and his friends hoped to hike from the top of the Grand Canyon all the way to the bottom. The Grand Canyon is 6,093 feet deep.

Can you write this number in words and expanded form?

Can you round this number to the nearest hundred? _____

People visiting the Grand Canyon can ride a mule to the bottom of the canyon. It costs \$150 for one person to ride a mule. Miguel and his 3 friends each want to ride a mule.

¹ Suggested Grades: 3 – 6 Skills: Months of the year, place value, multiplication of integers, rounding, elapsed time, map skills

How much will they pay in total for each to ride a mule to the bottom of the Grand Canyon? Show your work in the box below.

Each person riding a mule can take a backpack that weighs up to 10 pounds. Miguel and his 3 friends will each carry a backpack.



What is the total weight of their backpacks? Write this as a repeated addition. Can you write the repeated addition as a multiplication equation?

Repeated addition: _____

Multiplication equation: _____

The total weight of their backpacks is _____.

The mule ride to the bottom of the Grand Canyon takes 5 hours. If Miguel and his friends start their mule ride at 6:00 a.m., at what time will they get to the bottom of the canyon? If they stay to rest and have lunch at the bottom of the canyon for 2 hours, at what time will they return? _____

Do you think the 4 friends will find a treasure at the bottom of the Grand Canyon? Write 3 complete sentences about what you think they will find.
