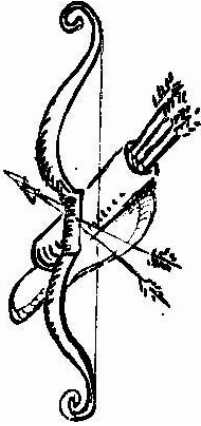


Book of Mormon Discovery presents Grandpa Abram's Math Challenge

June 2005



One day Nephi went hunting in the forest. His family was hungry and they needed Nephi to find food for them. They were living in the wilderness. But it was not a wilderness with trees. It was barren (empty) land with few animals and little water to help plants grow. Nephi had to look hard to find any animals at all. Sometimes he had to ask the Lord for help.

On this hunting trip, Nephi saw one ibex, two young gazelle, and a desert fox. Then he saw a little desert lark and two warblers in a small bush near a stream.

How many animals did Nephi see? _____

How many birds did Nephi see? _____

How many animals and birds did Nephi see all together? _____

Which animal or bird do you think made the best dinner for Nephi's family?

◆ If you want to see pictures of desert animals that you can print out, you can go to:

<http://www.enchantedlearning.com/biomes/desert/desert.shtml>

◆ Or to read about wildlife in Israel and the desert nearby, visit:

<http://www.geocities.com/jelbaum/Wildlife.html>

Book of Mormon Discovery presents Grandpa Abram's Math Challenge

July 2005



The Lord commanded Lehi to send his sons back to Jerusalem for the brass plates. The brass plates were important because they had the words of the prophets on them!

Lehi's family had traveled south from Jerusalem for 180 miles to the Red Sea. We don't know exactly how much farther south they traveled, but it took them three more days. Let's say they traveled for 40 more miles. They must have been really tired!

How many miles did they travel from Jerusalem to the Red Sea? _____

How many more miles did we say they traveled after that? _____

How many miles did they travel all together? _____

Bonus question:

How many miles did Nephi and his brothers travel from the wilderness to Jerusalem and then back again when they went to get the brass plates? _____ What a long way it was!

◆ If your mom and dad have the (old brown) *Book of Mormon Student Manual*, you can look on page 16 to read about Nephi and his brother returning for the plates!

◆ You can look in the *Friend* magazine, September 2002 for a *Book of Mormon* plates craft! If you don't have your old *Friend* magazines, you can print it online from: <http://www.lds.org/gospellibrary/pdfindex>

Book of Mormon Discovery presents Grandpa Abram's Math Challenge

August 2005



Every day that Lehi's family lived in the desert, they needed food and water to live. Water is not always easy to find in the desert, but Lehi's family lived near a river for most of their time in the wilderness.

Let's pretend that one week at family home evening, Nephi's little brother Jacob got the job of filling the water jug from the stream and bringing it back to the tent. Each person in the family needed two jugs of water a day to drink. Jacob had to bring water for his parents, Laman, Lemuel, Sam, and Nephi.

How many people did Jacob have to carry water for every day? _____

How many jugs did he have to carry every day? _____

Bonus question:

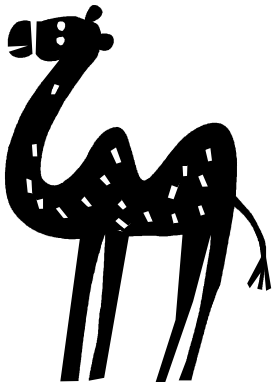
How many jugs did Jacob carry in one week? _____

◆ Do you want to find out more about life in the desert? Read "Keep Your Cool" in the August 1986 *Friend* magazine. You can find it online at: <http://www.lds.org/gospellibrary/pdfindex>

Do YOU have an idea for Grandpa Abram's Math Challenge? Email your problem to Grandpa Abram and he might just print it on his website!

Email your answers to: GrandpaAbram@bookofmormondiscovery.com

Book of Mormon Discovery presents
Grandpa Abram's Math Challenge
September 2005



Camels are desert animals! No doubt Lehi and his family took several camels with them on their journey to help carry the tents and supplies they needed.

People need water every 2-3 days in order to stay alive. Camels can go up to two weeks or longer without water! They store extra water and food in the humps on their backs. When they do get a drink, they drink a lot! Sometimes up to 25 gallons of water!

Let's pretend that Nephi and Sam each had **two** camels to take care of and they let them drink water from the spring. The camels were so thirsty that they drank 25 gallons of water each! Figure out how much water all the camels drank.

How much water would all the camels drink if there were only **three** camels and they each drank 20 gallons of water.

If one camel drank 10 gallons, one camel drank 15 gallons, and two camels each drank 20 gallons, how many gallons did they drink all together?

◆ If you like camels, you need to read this story from the Friend. You can find it at www.lds.org. Read "The Incredible Camel," by Rebecca Taylor in the *Friend*, July 1994.

Book of Mormon Discovery presents Grandpa Abram's Math Challenge

October 2005

Enos was a hunter. He took his bow and went into the woods. While he was there, he began to think about God and all the things that he had been taught about the gospel. He prayed. This is what he said in the book of Enos:

“I ^cried unto him in mighty ^dprayer and supplication for mine own soul; and all the day long did I cry unto him; yea, and when the night came I did still raise my voice high that it reached the heavens.” (Enos 1:4)

1. If Enos began praying at 10:00 AM and it got dark around 8:00 PM, how long did he pray during the daylight hours?
2. It got dark at 8:00 PM. If Enos kept praying until 3:30 AM, how long did he pray during the night time hours?
3. If he began praying at 10:00 AM and didn't finish until 3:30 AM, how many hours did he pray altogether?
4. If it took Enos $3\frac{1}{2}$ hours to walk home after he finished praying, what time did he arrive home the next morning?

