

★ Episode Five ★

A THOUSAND MILES OF DESERT & MOUNTAINS

Vocabulary

- 1) Eruption (n) the sudden occurrence of a violent discharge of steam and volcanic material
- 2) Hydrant (n) a fixture in a street or other public place with a nozzle by which a hose may be attached to a water main
- 3) Homestead (n) any dwelling with its land and buildings where a family makes its home
- 4) Prospect (v) to search or explore a region for gold and the like
- 5) Tailings (n) the residue of something, especially ore
- 6) Settler (n) a person who moves with a group of others to live in a new country or area
- 7) Dolomite (n) a translucent mineral consisting of a carbonate of calcium and magnesium
- 8) Sluice (n) a channel or trough constructed with grooves into which a current of water is directed in order to separate gold from the sand or gravel
- 9) Shaft (n) a long, narrow, often vertical passage sunk into the earth

Writing

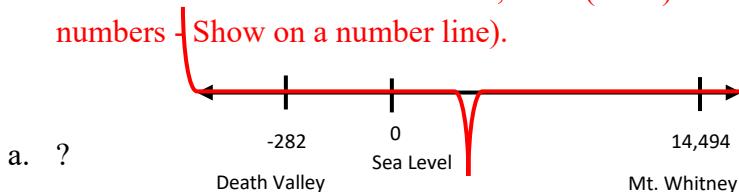
- 1) George wrote about sightseers who traveled to Lassen's peak. Write a paragraph about a place you have visited (or want to) and use a minimum of five adjectives in your story to describe the place. **Paragraph should include a place description and a minimum of 5 adjectives.**
- 2) The heat and wind in the Nevada desert can be very challenging. Using details from the diary passage write a short paragraph about how you think the people in 1914 may have prepared in order to manage the environmental challenges. **Paragraph should include description of how folks in 1914 prepared for various environmental challenges such as heat and lack of water.**
- 3) People were excited about the possibility to finding gold, silver and other valuable minerals in Nevada and came from all over to try their luck. But prospecting was not without its challenges. Do you think if you had been alive in this time period that you would have tried prospecting? Why or why not? **Paragraph should include reasons why the writer would or would not have tried prospecting.**

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- 4) Letters were a central mode of communication for George and Josephine. Write a letter to someone you want to stay in touch with, sharing details about your life during the past few weeks. **Sample letter should include details about the writer's life.**

Math

1. Death Valley holds the World Record for the hottest temperature ever recorded on earth at 134 degrees Fahrenheit in 1913 (but not all scientists agree this was true). This past summer, in June of 2020, Death Valley hit 128 degrees, which is the hottest temperature recorded on Earth in the last three years. The lowest temperature ever recorded in Death Valley was 18 degrees in January 1928.
 - a. How many years ago did Death Valley record the highest temperature? **Answer: $2020 - 1913 = 107$ years ago.**
 - b. What is the difference between the highest in 1913 and the most recent highest temperature in Death Valley in 2020? **Answer: $134 - 128 = 6$ degrees**
 - c. Find the difference between the highest and lowest temperatures every recorded in Death Valley. **Answer: $134 - 18 = 116$ -degree difference.**
2. Death Valley has the lowest elevation point in North America at 282 feet below the sea. This is a negative number written as -282. The highest point in near Death Valley is Mount Whitney at 14,494 feet above the sea.
 - a. Draw and label a diagram or picture that shows the lowest point, highest peak, and sea level (which is zero feet). **Answers may vary. Death Valley should be below sea level and Whitney should be above sea level.**
 - b. What is the difference between the lowest and highest elevation? Draw a number line to show the total. **Answer: $14,494 - (-282) = 14,776$ feet (add the two numbers)** **Show on a number line.**



Total between the highest and
lowest 14,776 feet

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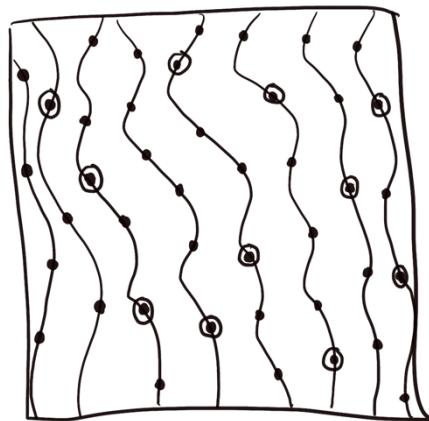
- b. Find the difference between the highest and lowest temperatures every recorded in Death Valley.

Art

Use your imagination to design the perfect shoe. Think about the purpose of your shoe – is it a sports shoe or a fancy shoe or an everyday shoe? What characteristics does the shoe have that make it appropriate for that specific purpose? What kind of material is it made out of? What color is it? Have fun and it's ok to let your mind wander away from pure practicality.

Zentangle

This week's zentangle pattern looks like this:



1000 Miles of Desert & Mountains
Library.unr.edu/1000-Miles
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