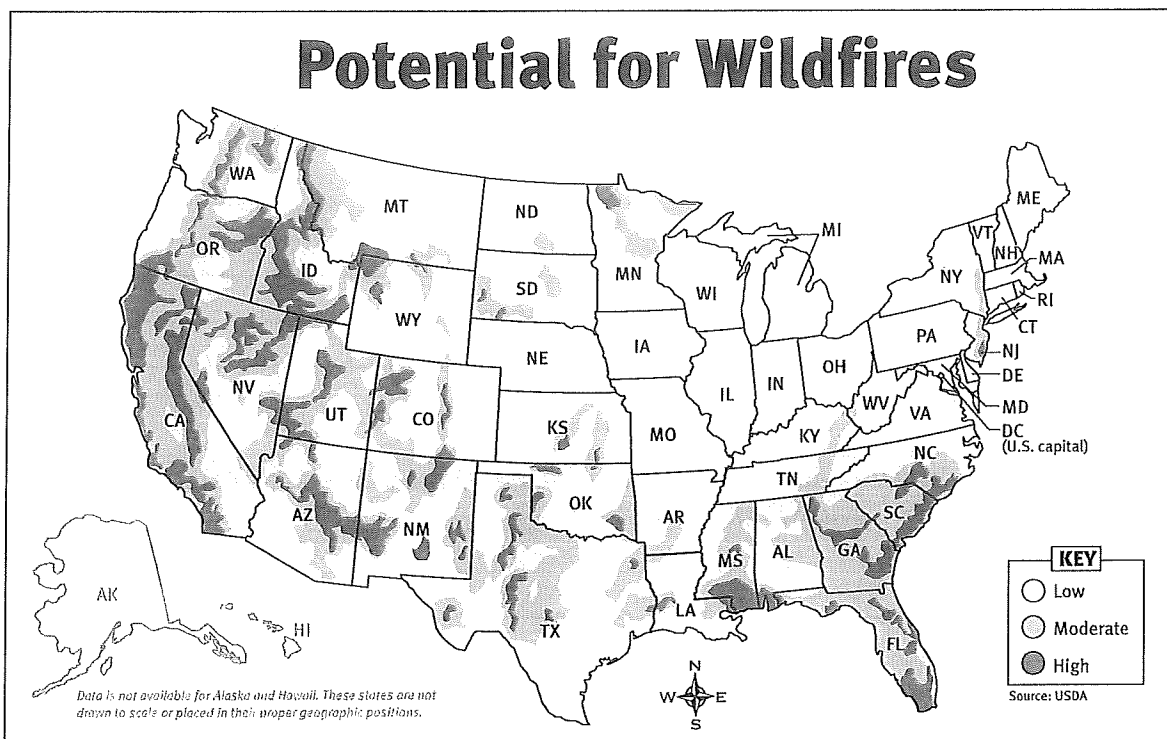


Name: _____ Date: _____

Wildfire Country

In "Into the Fire" (pp. 8-9), you read about the dangers of fighting wildfires. In 2018, researchers created the map below, showing which states in the U.S. have the greatest potential for wildfires based on past fires, climate, and plant life. Study the map, then answer the questions.



MAP: JIM MCMAHON

- List three states that have areas with high potential for wildfires. _____

- Why might the states you listed above have high potential for wildfires? Use evidence from the article in your answer. _____

- What level or levels of wildfire potential does your state have? Does this surprise you? Why or why not?

- Do you think it is possible for a state to have no potential for wildfires? Why or why not? Refer to the article for evidence. _____

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SuperScience

Name: _____ Date: _____

Think It Through

Use the article “Into the Fire” (pp. 8-9) to answer each question.

1. According to the article, 85 percent of wildfires are caused by people. Based on this fact, which of the following statements is true?
 - Ⓐ Fires caused by humans are not a problem.
 - Ⓑ Most fires occur in homes and businesses.
 - Ⓒ Only a small percentage of wildfires start because of natural causes.
 - Ⓓ Firefighters do not work all of the time.
2. According to the article, what is the difference between structural fires and wildfires?

3. Wildland firefighters can't carry heavy equipment. Use information from the article to explain why they must travel lightly. What is a disadvantage of traveling lightly?

4. As Kathleen Navarro fights fires, she collects data about the chemicals that wildfires release in the air. What is that data most likely used for?
 - Ⓐ to create safety procedures for wildland firefighters
 - Ⓑ to predict where the next fire will take place
 - Ⓒ to educate the public on how to prevent forest fires
 - Ⓓ to protect homes from fire damage
5. The sidebar “What Makes a Wildfire?” describes three ingredients that create wildfires. Use the sidebar and the article to explain why strong winds can make wildland firefighting difficult.

Name: _____

Date: _____

No-Sweat Bubble Test

Use the article “Your Brain on Games” (pp. 4-7) to determine the best answer for each question.

- Which statement about the popularity of video games among kids in the U.S. is true?
 - Very few kids play video games.
 - About half of kids play video games.
 - Nearly all kids play video games.
 - Every single kid plays video games.
- What is the purpose of the sidebar “Inside the Gamer’s Brain”?
 - to show how your brain receives information from and responds to video games
 - to explain why video games are fun
 - to convince readers to play video games
 - to provide advice on how to play video games safely
- Imagine you see food that you want to eat. In what order would sensory information travel through your body to help you pick up the food?
 - cerebrum, eyes, hand, nerves, spinal cord
 - hand, spinal cord, nerves, cerebrum, eyes
 - eyes, cerebrum, spinal cord, nerves, hand
 - nerves, hand, cerebrum, spinal cord, eyes
- Signals travel from your sense organs to your brain quickly. What might happen if those signals moved more slowly while you were trying to catch a ball?
 - You might not catch the ball.
 - You would catch the ball faster.
 - You would throw the ball farther.
 - None of the above
- Eyes are an example of human sense organs, body parts that allow humans to take in information about their surroundings. Which of the following is NOT a human sense organ?

Ⓐ tongue	Ⓒ ear
Ⓑ hair	Ⓓ nose
- Which activity requires motor skills?
 - sleeping on an airplane
 - hitting a tennis ball over a net
 - watching a movie
 - all of the above
- According to researcher Matthew Barr, video games can help people learn new skills because they are *repetitive*. Which statement best describes a repetitive activity?
 - It’s completed just once.
 - It is easy to complete quickly.
 - It has several different steps.
 - It’s completed several times.
- Which statement best supports the idea that multiplayer games can teach teamwork?
 - Video games can strengthen motor skills.
 - Video games are being used in classrooms.
 - Video game characters often have different abilities and have to work together to succeed.
 - Video games can improve social relationships by keeping people connected.
- According to the sidebar “Safe Playing,” what should you do when playing video games?
 - Keep your eyes on the screen until you’re done playing for the day.
 - Play only with friends you know in real life.
 - Play video games for three hours at a time.
 - All of the above
- With which statement would psychologist Rachel Kowert most likely agree?
 - Playing online video games is a great way for kids to make new friends.
 - Avoiding video games can prevent depression.
 - Bullying is common in online video games.
 - Kids should be required to play video games.

