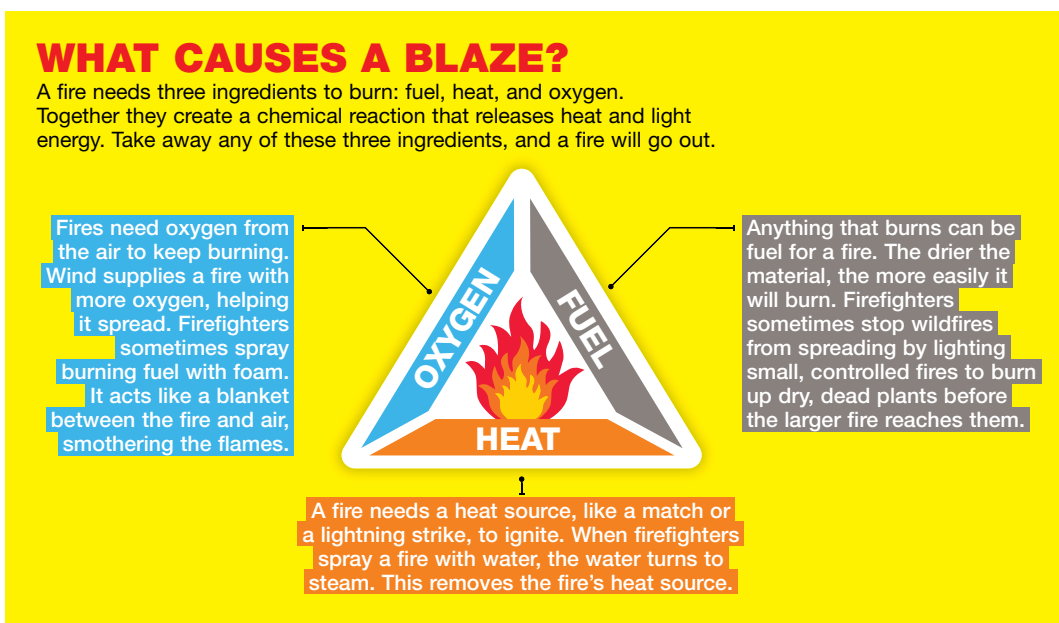


Name: \_\_\_\_\_

# FIRE STARTER

In “Studying Infernos!” (p. 8), you read about how scientists examine the ways that wildfires ignite and spread. The graphic below explains how a fire is sparked when fuel, heat, and oxygen interact. Use the information in the diagram and the article to answer the questions that follow.



## QUESTIONS

- How does the diagram explain why using gravel instead of wood mulch in flowerbeds can help prevent a house from catching fire during a wildfire?
- One reason the Camp Fire in California was so devastating is that the area was experiencing high winds at the time. Explain why the high winds caused the fires to grow and spread. Use evidence from the diagram.
- Do you think the burn chambers described in the article are airtight? Explain why or why not.
- In the article, the author presented several ideas about how people can help reduce the number and severity of wildfires. Choose one method and explain why it could be effective. Cite evidence to support your answer.
- Explain why warming temperatures caused by climate change could lead to a greater number of wildfires. Use evidence from the diagram to support your answer.