STUDENT EDITION
Page 8
News Graph
1. A
2. about 20 feet
3. 4 cars
News Review

ONLINE SKILLS SHEETS
Be a Quiz Whiz!
2. C 7. D
3. C 8. D
5. C 10. A

Close-Reading Questions
1. The lava lake inside the volcano is extremely hot (about 2,000 degrees Fahrenheit). It bubbles violently and shoots specks of molten rock. Deadly fumes surround the lava lake. The volcano erupts frequently; it erupted just a month after Sam Cossman’s trip.
2. They used drones to take photos and videos of the lava lake. Drones got closer to the lava lake than a human could. Using drones, the team was able to avoid gas clouds and capture clear images.
3. Cossman’s team brought back lava samples for scientists to study. Also, their photos and videos were used to create a 3-D model of the volcano. These enable scientists to study the volcano without actually visiting it.
4. The author mentions this to help readers visualize what a lava lake is and understand how it forms. A lava lake forms when magma boils near the surface, like water in a pot, instead of shooting out in a big eruption.
5. Answers will vary. Students should cite evidence from the article to support their opinions.

What’s Your Opinion?
Answers will vary. Check that students state a clear opinion and support it with reasons and evidence.

TEACHER’S GUIDE
Page T3
3-2-1 Reflection
Answers will vary.

Page T4
National Treasures
1. Mesa Verde National Park and Yellowstone National Park
2. the 100th anniversary of America’s independence
3. Grand Canyon National Park is known for the canyon it’s named after; Hawaii Volcanoes National Park is known for the Mauna Loa and Kilauea volcanoes; Yellowstone National Park is known for its geysers.