

FOCUS ON

Inventing GPS

1. Write a letter to a friend that describes the main ideas from Chapter 3.
2. Would you want to try geocaching? Why or why not?
3. How many satellites does a GPS receiver use to find its location?
 - A. only one
 - B. at least four
 - C. two or three
4. What would happen if the GPS satellites stopped sending signals?
 - A. The satellites would stop orbiting Earth.
 - B. GPS receivers wouldn't be able to find their locations.
 - C. The master control station would have to move.

5. What does **route** mean in this book?

*Many GPS receivers can also give directions. They can find a **route** from one place to another.*

- A.** a time in the morning
- B.** a way to cook food
- C.** a way to travel somewhere

6. What does **errors** mean in this book?

*These clocks measure time very exactly. They help do jobs where even small **errors** could cause huge problems.*

- A.** places that don't exist
- B.** measurements that are incorrect
- C.** people who are in space

Answer Key:

1. Answers will vary
2. Answers will vary
3. B
4. B
5. C
6. B