

Unit 7

Reading **Extend** Worksheet F.7.4

1 Read. Circle the letter of the best response, according to the reading.

1. If you're lost in the forest, it's helpful to have _____.

| | |
|----------------------|------------------------|
| a. a magazine | c. a GPS system |
| b. gas | d. a book |

2. Satellites that power GPS systems _____.

| | |
|--|---|
| a. orbit Earth | c. can't receive signals from Earth |
| b. are part of Earth's atmosphere | d. can only receive signals from smartphones |

3. Satellites are used for _____.

| | |
|----------------------------------|------------------------------|
| a. predicting the weather | c. watching TV |
| b. finding a route | d. <i>a, b, and c</i> |

4. According to the reading, conservationists use satellites _____.

| | |
|---|--|
| a. to create TV shows | c. to find good places to go swimming |
| b. to protect endangered species | d. to discover new species |

5. Archaeologists use satellites to _____.

| | |
|--|---|
| a. find interesting TV shows | c. take photos of important archaeological sites |
| b. send signals to important archaeological sites | d. <i>a, b, and c</i> |

6. Archaeologist Sarah Parcak used a satellite to find _____.

| | |
|--|---|
| a. the streets near her house | c. hawksbill turtles |
| b. an underground city in Egypt | d. the weather near archaeological sites |

2 Read. Then answer the questions.

1. What is one way people use satellites in their daily lives?

2. How does a GPS system work?

3. How are satellites used in archaeology?

3 Look at the words. When you know the meaning of one form of a word, you can increase your vocabulary by recognizing related forms. How many of the words related to *image* have you seen before?

| Noun | Verb | Adjective |
|--------------------|---------|---------------------|
| image, imagination | imagine | imaginary, imagined |

4 Complete the chart. Write as many forms of each word as you can without using a dictionary. Compare your chart with a partner's. Then use a dictionary to find additional forms and add them to the chart.

| Noun | Verb | Adjective |
|--------|----------|-----------|
| | discover | |
| | | lost |
| signal | | |