

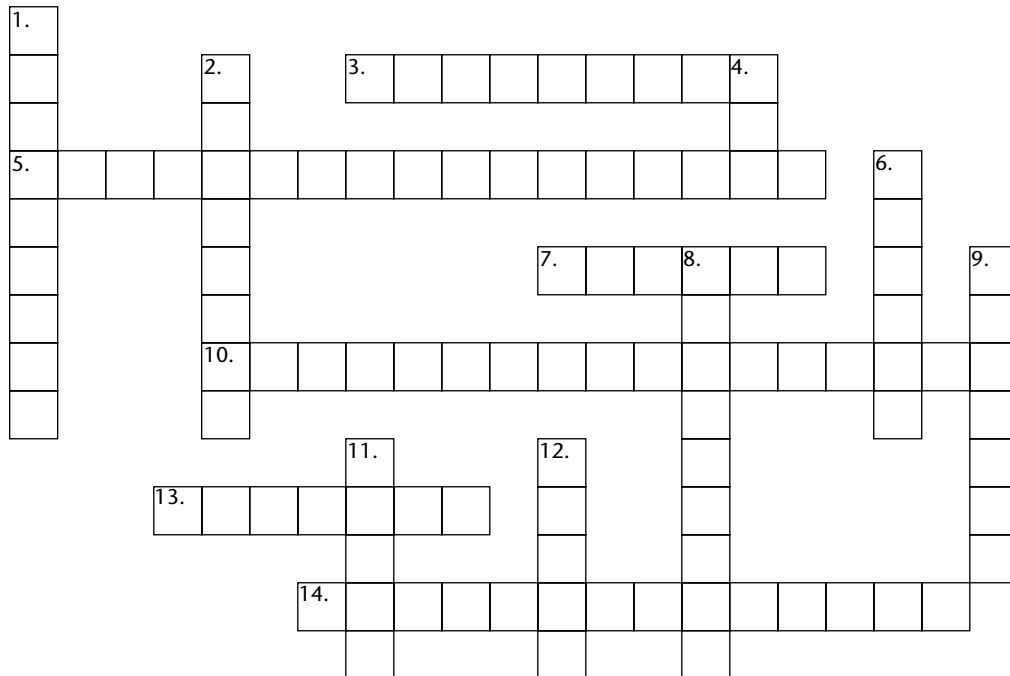
Chapter 27

Use with Section 1

REINFORCEMENT

● Stars

Use the clues provided to solve the crossword puzzle.

**Across**

3. The Big Dipper is part of this constellation. (2 words)
5. This is the amount of starlight received on Earth. (2 words)
7. Our sun is a star of this color.
10. This is the actual amount of light that a star gives off. (2 words)
13. This is another name for the North Star.
14. These are groups of stars that form patterns.

Down

1. The North Star is in this constellation. (2 words)
2. This is the apparent shift in position of an object when viewed from two different places.
4. Relatively cool stars look either orange or this color.
6. This is the brightest star in the sky.
8. This is the distance of about 9.5 trillion kilometers that light travels in one year. (2 words)
9. Astronomers study these to learn about the properties of stars.
11. This constellation, named after a mythical hunter, includes the star Betelgeuse.
12. Even though this star has an absolute magnitude greater than that of Sirius, it looks dimmer from Earth since it's 100 times farther away.