

Name: _____

SCIENCE NEWS

DIRECTIONS: Read the "Science News" section on pages 2-7.
 Then test your knowledge, filling in the letters next to the correct answers.

1. Which green-colored molecule helps plants undergo photosynthesis?

- (A) nitrogen (C) carbon dioxide
- (B) chlorophyll (D) carbohydrate

2. Which of the following most accurately describes the process of photosynthesis?

- (A) harnessing sunlight to convert carbon dioxide and energy into water
- (B) harnessing sunlight to convert carbon dioxide and water into energy
- (C) harnessing sunlight and energy to create carbon dioxide and water
- (D) harnessing sunlight and water to create carbon dioxide and energy

3. What was the origin of plastic Garfield phones that appeared on beaches in France?

- (A) a local prankster
- (B) a promotional stunt
- (C) a lost shipping container
- (D) an abandoned factory

4. What organ did researchers in Israel recently reproduce in miniature?

- (A) heart (C) liver
- (B) lung (D) spleen

5. Which of the following definitions BEST describes DNA?

- (A) the connective tissue between all cells
- (B) a string of carbohydrates in the body
- (C) a twisting chain of proteins that helps the body function
- (D) a molecule that carries hereditary information

6. How many different types of bases make up DNA?

- (A) 2 (C) 1,400
- (B) 4 (D) 1 million

7. Which of the following is most likely to damage an astronaut's genes during a mission in space?

- (A) high levels of stress
- (B) exposure to high g-forces during takeoff
- (C) high levels of radiation
- (D) loneliness

8. What type of electromagnetic radiation do CT scanners use?

- (A) X-rays
- (B) gamma rays
- (C) microwaves
- (D) radio waves

9. Approximately how many species of fish are known to exist on Earth?

- (A) 1,000 (C) 30,000
- (B) 10,000 (D) 300,000

10. According to the text, eating which type of food creates the largest carbon footprint?

- (A) beef
- (B) cheese
- (C) pork
- (D) poultry