

Name: \_\_\_\_\_



# Science News



**DIRECTIONS:** Read the Science News section on pages 3 to 7.

Then, test your knowledge by filling in the letters of the correct answers below.

**1. Which of the following is NOT one of the causes of increased ocean noise?**

- Ⓐ shipping
- Ⓑ carbon dioxide
- Ⓒ oil and gas drilling
- Ⓓ erupting underwater volcanoes

**2. How do oceans becoming more acidic affect marine life?**

- Ⓐ It increases the ocean's temperature.
- Ⓑ It allows underwater sound waves to travel farther and faster, making communication between animals difficult.
- Ⓒ It reduces the amount of salt in seawater.
- Ⓓ It kills smaller organisms that large marine animals eat.

**3. All of the following are good reasons people should consider switching to CFL bulbs EXCEPT \_\_\_\_.**

- Ⓐ Incandescent bulbs are cheaper than CFLs.
- Ⓑ CFLs last 10 times longer than incandescent bulbs.
- Ⓒ CFLs use less energy than incandescent light bulbs.
- Ⓓ Soon, incandescent bulbs will no longer be sold.

**4. In the U.S., incandescent bulbs will be phased out by the year \_\_\_\_.**

- Ⓐ 2012
- Ⓑ 2014
- Ⓒ 2019
- Ⓓ 2024

**5. What is unusual about the way the sea slug *E. chlorotica* gets its food?**

- Ⓐ It feeds on other sea slugs.
- Ⓑ *E. chlorotica* can survive without ever eating.
- Ⓒ The sea slug survives on algae that live in its gut.
- Ⓓ *E. chlorotica* can undergo photosynthesis to produce its own food.

**6. The process of photosynthesis takes place in a plant's \_\_\_\_, which require about 2,000 \_\_\_\_ to run.**

- Ⓐ DNA, minutes of sunlight
- Ⓑ nucleus, genomes
- Ⓒ chloroplasts, genes
- Ⓓ leaves, cells

**7. Which sentence best summarizes the main idea of the article "Mammoth Breakthrough?"**

- Ⓐ What caused woolly mammoths to go extinct 20,000 years ago remains a mystery.
- Ⓑ Scientists plan to use DNA from a fossil to re-create a living mammoth.
- Ⓒ The woolly mammoth is the first extinct animal to have its genome sequenced.
- Ⓓ Mammoths have the largest genome of any animal.

**8. Scientists have concluded that the direction a horse's hair whorls turn indicates whether the animal is \_\_\_\_.**

- Ⓐ right- or left-hoofed
- Ⓑ male or female
- Ⓒ a fast racer
- Ⓓ a good jumper

**9. What is laterality?**

- Ⓐ The ability to walk upright
- Ⓑ The act of turning in a circle
- Ⓒ The ability to move in a straight line
- Ⓓ The act of favoring one side

**10. Nicolas Copernicus is considered the Father of Modern \_\_\_\_.**

- Ⓐ Physics
- Ⓑ Astronomy
- Ⓒ Medicine
- Ⓓ Telescopes



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ANSWERS ON TE 8