

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. Katydid on display at the Audubon's Insectarium are pink instead of the usual green because \_\_\_\_\_.**

- Ⓐ of a special diet
- Ⓑ they are immature nymphs
- Ⓒ of the expression of a rare gene or set of genes
- Ⓓ they can change color

**2. In what year did astronauts first land on the moon?**

- Ⓐ 1954
- Ⓑ 1969
- Ⓒ 1987
- Ⓓ 2000

**3. When comparing Earth and the moon, which of the following is NOT true?**

- Ⓐ The moon's gravity is 1/6 that of Earth's.
- Ⓑ Unlike Earth, the moon lacks an atmosphere.
- Ⓒ Both Earth and the moon orbit celestial objects.
- Ⓓ Compared with Earth, the lunar surface is smooth and flat.



**4. What atmospheric conditions caused the light pillars over Victor, Idaho, last winter?**

- Ⓐ fog and lightning
- Ⓑ hot, dry temperatures
- Ⓒ cold, moist weather
- Ⓓ rain and starlight

**5. Light pollution occurs when \_\_\_\_\_.**

- Ⓐ electric lights are left on unnecessarily during the daytime
- Ⓑ excess artificial light reduces visibility of the night sky
- Ⓒ people use inefficient fluorescent light bulbs
- Ⓓ skyscrapers' glass windows are left untinted

**6. Which sentence summarizes why doctors are using cotton candy in the lab?**

- Ⓐ Cotton candy's sugary threads can form the scaffolding to grow new capillaries.
- Ⓑ When dissolved in water, cotton candy makes a good substitute for blood.
- Ⓒ Lab-grown cells can survive by consuming the nutrients found in cotton candy.
- Ⓓ Cotton candy strands resemble muscle fibers.

**7. Which of the following would be the best alternative headline for the article titled "Toughing It Out"?**

- Ⓐ Rockin' Rocks
- Ⓑ Unbreakable
- Ⓒ Heavy-duty Minerals
- Ⓓ Ditching Diamonds

**8. Materials whose atoms are arranged in a regular repeating pattern are called \_\_\_\_\_.**

- Ⓐ minerals
- Ⓑ lattices
- Ⓒ gems
- Ⓓ crystalline solids

**9. Which of the following is a TRUE statement about the recent wildfires in Australia?**

- Ⓐ Not a single animal or human life was lost.
- Ⓑ The fires started after a drought dried out the region.
- Ⓒ Temperatures were unusually cool when the fires started.
- Ⓓ Calm winds and rain prevented the fires from spreading out of control.

**10. Scientists figured out how long ago water flowed on Mars by \_\_\_\_\_.**

- Ⓐ dating the age of gullies that once carried the water
- Ⓑ examining rocks known to form only when liquid water is present
- Ⓒ looking at sediment trapped in frozen polar ice
- Ⓓ measuring atmospheric levels of oxygen and hydrogen, which make up water molecules

