

Name: _____



Science News



DIRECTIONS: Read the Science News section on pages 3 to 5.

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

1. A spike in serotonin levels drives locusts to ____.

- Ⓐ mate
- Ⓑ swarm
- Ⓒ camouflage themselves
- Ⓓ migrate

2. Which is NOT one of the conditions that can cause locusts to go from being solitary to outgoing?

- Ⓐ A plentiful food supply.
- Ⓑ Locusts bumping into one another.
- Ⓒ Seeing other locusts.
- Ⓓ If the locusts smell each other.

3. What is one way that scientists hope to reduce bird strikes?

- Ⓐ Having airplanes fly at a lower altitude so they are below flocks.
- Ⓑ Using radar and satellite tracking devices to predict birds' flight patterns.
- Ⓒ Erecting scarecrows to keep birds off runways.
- Ⓓ Restricting the flights to and from airports near bird habitats.

4. Bird-airplane strikes have increased for all of the following reasons EXCEPT ____.

- Ⓐ a boost in bird population due to successful conservation programs
- Ⓑ quieter, faster aircraft
- Ⓒ increased air traffic
- Ⓓ lights on airplanes attracting birds

5. Cellulose is a material that makes up ____.

- Ⓐ enzymes
- Ⓑ cast iron
- Ⓒ plants' cell walls
- Ⓓ human hair

6. What makes the new paper superdurable?

- Ⓐ A fine, evenly distributed fiber structure.
- Ⓑ A coating of chemicals.
- Ⓒ It is thicker than regular paper.
- Ⓓ It's made from fibers 5,000 times thicker than human hair.

7. A cold-blooded animal ____.

- Ⓐ uses its own energy to keep warm
- Ⓑ has a temperature range between 24°C and 26°C (75°F and 79°F)
- Ⓒ relies on its surroundings to regulate its body temperature
- Ⓓ can only survive in cold climates

8. What can be learned from *Titanoboa's* fossil remains?

- Ⓐ The giant snake's eating habits.
- Ⓑ That *Titanoboa* was not the world's largest snake.
- Ⓒ That Colombia was underwater 60 million years ago.
- Ⓓ Clues about Earth's past climate.

9. How much more milk will Elsie the cow produce per year than a cow without a name? (Hint: Cows on average produce 7,500 liters of milk per year.)

- Ⓐ 360 liters
- Ⓑ 3,250 liters
- Ⓒ 7,140 liters
- Ⓓ 7,865 liters

10. What discovery did scientists make about the fish species *Cetomimidae*?

- Ⓐ It is actually three different species.
- Ⓑ Its females, males, and juveniles all look completely different.
- Ⓒ The fish can change from male to female.
- Ⓓ Its juvenile form had never been seen before.

