

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 the least deadly natural hazard for people in the United States?

- (A) Hurricanes, earthquakes, and wildfires
- (B) Winter weather
- (C) Heat and drought
- (D) Tornadoes

2. What was the first step in the study to test dogs' sense of fairness?

- (A) Researchers petted and verbally praised one dog but not the other.
- (B) Two dogs were asked to shake paws with a researcher.
- (C) The dogs were asked to switch places with each other.
- (D) One dog received a treat, but the other did not.

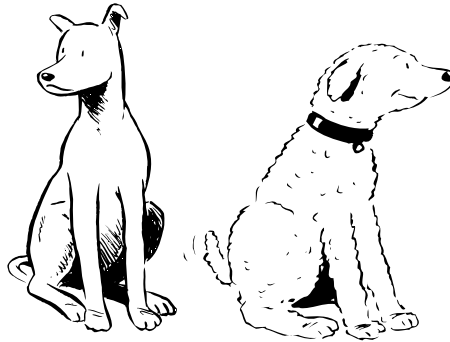
3. What was the outcome of rewarding dogs unequally for completing the same task?

- (A) The dogs became jealous and snapped at each other.
- (B) The dogs tossed aside rewards that were not as attractive as those received by other dogs.
- (C) Unrewarded dogs refused to repeat the task when asked.
- (D) Dogs that didn't get a treat barked at the researchers.



4. Coal ash is a ____.

- (A) by-product of burning coal to generate electricity
- (B) dust emitted from the smoke stacks of power plants
- (C) residue left over from mining coal
- (D) type of dangerous chemical



5. Which sentence best summarizes why environmentalists and scientists are worried about coal-ash pits?

- (A) The spill in Tennessee sickened local residents.
- (B) Coal-ash pits are not sturdily constructed.
- (C) There are no federal laws to regulate the pits, which contain toxic heavy metals.
- (D) Coal-ash spills are extremely expensive to clean up.

6. A new theory suggests that people yawn ____.

- (A) because their bodies are too warm
- (B) when they are bored
- (C) to take in more oxygen
- (D) to help to cool their brains

7. Which animal is NOT a vertebrate?

- (A) bird
- (B) human
- (C) snake
- (D) lobster

8. How does the Key2SafeDriving device help keep teen drivers safe?

- (A) The device disables cell phones, so teens can't chat while driving.
- (B) It prevents teens from starting a car without parents' permission.
- (C) It sends a signal to parents, notifying them of their teen's location when behind the wheel.
- (D) The device alerts drivers that they are going too fast.

9. An electrical generator connected to an exercise bike's spinning wheels converts ____.

- (A) kinetic energy into mechanical energy
- (B) mechanical energy into electrical energy
- (C) chemical energy into potential energy
- (D) potential energy into mechanical energy

10. What fastest-feat record did a group of Canadian adventurers recently break?

- (A) climbing to the top of Mount Everest
- (B) crossing Antarctica to reach the South Pole
- (C) sailing around the world
- (D) swimming the English Channel