



Middle School Scientists

Bears of Glacier Bay Post-Test (Teacher's Key)

Multiple Choice (1 point each) Circle the letter of the best answer.

1. What bear species live in Glacier Bay National Park, Alaska?
 - a. brown bears
 - b. polar bears
 - c. black bears and brown bears**
 - d. black bears, brown bears, and polar bears

2. The weight of a brown bear cub at birth is close to
 - a. 1 pound.**
 - b. 5 pounds.
 - c. 10 pounds.
 - d. 15 pounds.

3. You encounter a bear while hiking. You should
 - a. run away.
 - b. let the bear know you are there by talking and waving your arms.**
 - c. start spraying the bear with pepper spray.
 - d. use your cell phone to call a park ranger immediately.

4. One characteristic that scientists cannot use to tell if a bear is a black or brown bear is
 - a. the shoulder hump.
 - b. claw size and shape.
 - c. the color.**
 - d. the face shape.

5. A habituated bear is likely to run away from people.
 - a. True
 - b. False**

6. A bear cub stays with its mother about
 - a. 2 days.
 - b. 2 weeks.
 - c. 2 months.
 - d. 2 years.**

7. Scientists found fresh bear scat with a lot of ripe berries in it. The season is likely
 - a. winter.
 - b. early spring.
 - c. summer.**
 - d. late fall.



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8. While camping in bear country it is best to keep food in

A. a bear resistant food container.

B. your tent.

C. in a waterproof bag.

D. under a rock.

Fill in the blank (1 point each)

9. Bears are ____ **omnivores** ____ because they eat plants and animals.

10. Bears often forage on the beach in the ____ **intertidal** ____ zone.

11. When a male black bear reaches ____ **maturity** ____ it weighs about 600 pounds.

12. Bears do not actually hibernate in the winter but become sluggish and inactive in a state of ____ **torpor** ____.

13. A bear will often be aggressive towards humans and other predators when it is defending the ____ **carcass** ____ of a dead animal.

14. Park managers may ____ **haze** ____ a bear by shooting it with rubber bullets if it is too comfortable around humans.

Short Answer (3 points each)

15. Explain the meaning of this statement: "A fed bear is a dead bear." (3 points)

When bears get food from humans, they remember and are likely to try again. If a bear tries to get food from humans it is dangerous and must be killed in order to protect people.

16. What can be learned by studying bear scat? (3 points)

Where bears are, what they are eating, the time of year, abundance of bears