



ANIMALS AT WORK

Animals Finding Mates

Animals at Work is an informative way to look at the lives of animals, particularly at a time when the hard work of survival is becoming even harder because of habitat destruction and climate change.

What did you learn?

QUESTIONS

1. A sex cell is also called a ...
 - a. Spawn
 - b. Fertilized egg
 - c. Gamete
 - d. Golgi
2. Groups of animals gathered together to mate are called ...
 - a. Species
 - b. Plumages
 - c. Harems
 - d. Leks
3. Some birds that sing to mark their territory and to show off to females are ...
 - a. Canaries
 - b. Nightingales
 - c. Sparrows
 - d. All of the above
4. Gentoo penguins of Antarctica build their homes out of ...
 - a. Pebbles
 - b. Twigs
 - c. Leaves
 - d. Mud
5. What is the name of a scientist who studies animals?
6. What does *monogamous* mean?

TRUE OR FALSE?

- | | |
|---|--|
| _____ 1. Asexual reproduction requires two animals. | _____ 4. The female clownfish is bigger than the male. |
| _____ 2. Animals can mate or reproduce at any size or age. | _____ 5. Many animals show bisexual behavior. |
| _____ 3. Many animals are influenced by physical traits when choosing a mate. | _____ 6. "In heat" means that period when certain male mammals are able to conceive. |

ANSWERS

- 1. c. Gamete.** According to the section "The Mating Process" on page 6, we know that "In sexual reproduction, a sex cell (a gamete) from one member of a species joins with the gamete of another." So, the correct answer is C.
- 2. d. Leks.** According to the section "Dances and Displays" on page 22, we know that "Animals often gather in groups to find and choose a mate. These groups are called leks ... " So, the correct answer is D.
- 3. d. All of the above.** According to the section "Songs and Calls" on page 26, we know that "They do this to mark their territory but also to show off to females. Canaries, nightingales, sparrows, and thrushes all sing for these reasons." So, the correct answer is D.
- 4. a. Pebbles.** According to the section "Gifts and Tricks" on page 33, we know that "Gentoo penguins of Antarctica build their nests from pebbles." So, the correct answer is A.
- 5.** According to page 47, a scientist who studies animals is called a *zoologist*.
- 6.** According to page 47, *monogamous* means "having one mate at a time."

TRUE OR FALSE? ANSWERS

- 1. False.** According to the section "Introduction" on page 4, we know that "There are a very few animals that reproduce by themselves, without another animal being involved. This is called asexual reproduction." So, the correct answer is False.
- 2. False.** According to the section "The Mating Process" on page 8, we know that "Before an animal can successfully mate and reproduce, it must reach a particular size or age." So, the correct answer is False.
- 3. True.** According to the section "Color and Size" on page 14, we know that "When choosing a mate, many animals are influenced by physical traits." So, the correct answer is True.
- 4. True.** According to the section "Color and Size" on page 19, we know that "A female clownfish is larger than the adult male." So, the correct answer is True.
- 5. True.** According to the section "Partners for Life" on page 44, we know that "Many animals, from dolphins to beetles, take part in homosexual activity ... Most animals show bisexual rather than homosexual behavior, as they will also mate with the opposite sex." So, the correct answer is True.
- 6. False.** According to the section "Glossary" on page 46, we know that "in heat is the period when certain females mammals are able to conceive." So, the correct answer is False.