Using a Dictionary. Work with a partner. Match each word with its definition. Use your dictionary to help you. These are words you will hear and use in Lesson A.

1. interpret (v.) _____
2. adjacent (adj.) _____
3. correspond (v.) _____
4. flexible (adj.) _____
5. illustrate (v.) _____
6. abstract (adj.) _____
7. motive (n.) _____
8. philosophies (n.) _____
9. capacity (n.) _____
10. underestimate (v.) _____

a. to show an example of an idea
b. the ability to do something
c. next to each other
d. based on general ideas rather than on real things
e. belief systems for explaining existence, knowledge, and thought
f. able to change easily
g. to think that something is smaller or less important than it really is
h. to have a close similarity or connection
i. a reason for a person's actions
j. to decide on the meaning of something when it is not very clear

B | Read the paragraphs and fill in each blank with the correct word from exercise **A**. Then listen and check your answers.

Are animals capable of showing concern for members of another species? According to the (1) _____ of many great thinkers such as Aristotle and Descartes, the answer is *no*. Recently, however, there has been a shift in the way many scientists think about this subject. The question is difficult because it is so (2) _____. Let's look at one specific case.

A video filmed at a small pond in Africa shows an antelope trying to cross the pond. A crocodile grabbed the antelope and tried to pull it under the water. Just then, a hippo resting in an (3) _____ pond ran over and scared the crocodile away. The crocodile released the injured antelope. Then the hippo, trying to help, gently nuzzled[1] the antelope.

An antelope crossing a pond tries to escape the jaws of a crocodile.

How should we (4) _____ the hippo's actions? It seems that the hippo's (5) _____ was to help the antelope, although the hippo didn't gain anything from it. The actions of the hippo (6) _____ to what we in the human world would call altruism.[2] This video raises the question of whether we humans (7) _____ an animal's (8) _____ to help other animals. This case can also (9) _____ how complex animal society can be. We should remain (10) _____ and open to the possibility that animals can be altruistic, too.

[1]Animals **nuzzle** by touching each other gently with their noses.
[2]**Altruism** is concern for the happiness and safety of others instead of yourself.

| Complete the paragraph with the correct form of each word from the box.

| abstract | capacity | correspond | illustrate | interpret | underestimate |

In the 19th century, Charles Darwin developed his theory of evolution. This theory claims that all living things evolved from other living things by small changes, little by little, over millions of years. If that theory is true, then it shouldn't be surprising to find that animals have the (1) _____ for intelligence. In the first half of the 20th century, there was a shift away from Darwin's theory. Instead, *behaviorism* affected the way animals were seen. *Behaviorism* was a theory that ignored the possibility[1] of animals having intelligent minds. Today, many scientists agree that behaviorists (2) _____ the animal mind. Here are two examples of animals that (3) _____ intelligence:

Azy the orangutan communicates by touching (4) _____ symbols on a computer screen. There are about 70 symbols that he uses. When Azy wants to say a certain word, he presses the (5) _____ symbol. Using this system, Azy is able to identify objects, ask questions, and even give commands.

Koko the gorilla is able to use American Sign Language to communicate. In sign language, you speak by making words with your hands. Dr. Penny Patterson, who takes care of Koko, (6) _____ the signs that Koko makes with her hands. Dr. Patterson can communicate her own ideas to Koko using sign language as well.

Koko the gorilla uses American Sign Language to talk with Dr. Penny Patterson. Here, Koko is telling Dr. Patterson that she would like a pet cat.

[1]A **possibility** is a chance that something might happen or might be true.