

Paragraph 1 [Answer T or F]

- ①Dr. Dolittle tells us how we can communicate with animals with a language.
[F]
- ②Scientists want to know whether or not animals have languages.
[T]
- ③Since animals don't understand human language, we can't communicate with animals.
[F]

Paragraph 2 [Answer in Japanese]

- ④At the University of Hawaii, what are researchers doing?
イルカに手信号で言葉を教えている。
- ⑤What kind of hand signals are the dolphins taught?
ball, basket, pipe といった名詞、big, small, red といった形容詞、left, right といった方向、go, take といった動詞、in, under といった前置詞の手信号を習っている。
- ⑥What do the dolphins prove by following commands?
イルカが手信号を覚えているということ。
- ⑦How do the dolphins show that they are intelligent?
経験したり練習したりしたことない新しい命令に従うことで知性があることを示している。

Paragraph 3 [Answer in Japanese]

- ⑧When did the research on the capacity for language among primates start?
1960 年代に始まった。
- ⑨Why did researchers decide to teach a chimpanzee ASL signs?
チンパンジーは発声器官を持たないので、言葉を話すことができないから。
- ⑩How many ASL signs did Washoe learn by age four?
アメリカ手話の 132 語。
- ⑪What is the difference between “take the potato outdoors” and “go outdoors and get the potato”?
「ジャガイモを部屋の外に持って行く」と「部屋の外にジャガイモを取りに行く」の違い
- ⑫What kind of adjectives do chimpanzees understand?
good, funny, hungry, stupid といった形容詞。
- ⑬What do chimpanzees mean with the sentence “You me out”?
「あなたは私を連れ出してくれる。」
- ⑭What do the chimp phrases “water bird” and “green banana” mean?
“water bird” は白鳥、“green banana” はキュウリを意味する。

Paragraph 3 4 [Answer T or F]

- ⑮ No one doubts that chimps have the capacity for language. [F]
- ⑯ Some people say that it is difficult for chimps to understand the vocabulary the adult people should know. [T]
- ⑰ The gap between the language ability of chimps and humans is narrower than we thought. [T]
- ⑱ One small area of the human brain we use to understand and produce language is said to be almost the same as that of chimpanzees. [T]
- ⑲ As for genetic material, there is little difference between animals and humans. [F]
- ⑳ It is clear that animals can communicate with humans through languages. [F]