

At the Zoo



¹Joe enjoys working at the city zoo and taking care of the five chimpanzees. ²His job is to clean the area where the chimpanzees sleep and play as well as to feed them. ³Yesterday Joe put five bunches of bananas, five apples, five oranges, and a bowl of peanuts on the monkey's eating platform for their daily meal before he began cleaning up. ⁴While he was sweeping the Chimpanzee House, his boss Carl came by for his weekly inspection of the chimpanzees. ⁵After Carl left, Joe noticed that two bunches of bananas and the bowl of peanuts were missing. ⁶Joe wondered where the fruit and the peanuts went.

Carl taking a break after visiting Joe in the Chimpanzee House.

Assume all the statements and facts in the puzzle are true. Write whether each sentence is **True**, **False**, or **Unknown**. Then write the sentence number(s) and/or check the box that provides the best evidence for each true or false answer.

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|--|--------------------------------|--------------------------------|
| _____ 1. 15 pieces of fruit were set out for the chimpanzees. | _____ <input type="checkbox"/> | _____ <input type="checkbox"/> |
| Sentence | Picture | Caption |
| _____ 2. Something puzzling happened yesterday in the chimpanzee enclosure. | _____ <input type="checkbox"/> | _____ <input type="checkbox"/> |
| Sentences | Picture | Caption |
| _____ 3. Each chimpanzee eats one bunch of bananas, one apple, and one orange. | _____ <input type="checkbox"/> | _____ <input type="checkbox"/> |
| Sentence | Picture | Caption |
| _____ 4. Carl ate one of the chimpanzees' bananas. | _____ <input type="checkbox"/> | _____ <input type="checkbox"/> |
| Sentences | Picture | Caption |
| _____ 5. The chimpanzees ate the missing food. | _____ <input type="checkbox"/> | _____ <input type="checkbox"/> |
| Sentence | Picture | Caption |

Answers

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1. F; 3; There were more than 15 pieces of fruit since there were five apples, five oranges, and five bunches of bananas. The key here is the bunches of bananas. A single banana does not make a bunch, so there must have been at least two (and probably more) bananas on each bunch. We do not know the exact number because we are not told how many bananas were in each bunch.
2. T; 5, 6; While Joe was working some of the food disappeared faster than usual, plus the bowl also disappeared. Joe wondered what happened, so this is rather puzzling.
3. U; There is not enough evidence. We do not know what each chimpanzee eats, nor the amount. Any differences may be due to preferences, size of the animal, or even dominance. The quantity set out reflects the amount needed to sustain the daily diet of five chimpanzees in general.
4. U; There is not enough evidence. We have no evidence that Carl ate one of the chimpanzees' bananas. While the picture shows Carl eating a banana after visiting the Chimpanzee house, we do not know for certain where he got the banana. Perhaps he had one in his car, in his lunch, or back at the office. Perhaps he stopped and bought one. While it is possible that he did take this banana from the Chimpanzee House, we just do not know this for certain.
5. U; There is not enough evidence. The chimpanzees may have eaten the food and hidden the bowl. However, Joe's surprise indicates that the chimpanzees usually do not eat their food so quickly; plus the bowl is missing. It is possible that Carl took the bananas and the bowl of peanuts.