

Dancing Honeybees

Many flowering plants depend on bees for pollination. When a honeybee discovers a patch of flowers with nectar and pollen, the bee flies to the hive to **30** _____ the other honeybees. The bee dances to communicate with the other bees in the hive.

The bee's dance is a code that **31** _____ the direction and distance of the flowers. The honeybee uses the sun as her point of reference. For example, if she **32** _____ her dance to the left of an imaginary vertical line perpendicular to the sun, this signals to the other bees that the location of the flowers is to the left of the sun. A long dance indicates a larger find, **33** _____ a short dance signals a smaller discovery.

Within a short period of time, many worker bees leave the hive and **34** _____ for the flowers. A honeybee can visit between 50 and 100 flowers during a single collection trip. The **35** _____ honeybee produces about onetwelfth of a teaspoon of honey in her lifetime. Honeybees must visit about two million flowers to make one pound (0.45 kg) of honey. In this way, honeybees play a **36** _____ role in both nature and human life.

Вставьте пропущенное слово.

- 1) performs
- 2) produces
- 3) makes
- 4) forms