

Bees by the Numbers

Match the numbers on the accompanying sheet to the honey bee facts listed below. Numbers can be used more than once.

- 
- _____ The number of queens in a hive
 - _____ The number of wings a honey bee has
 - _____ The number of legs a honey bee has
 - _____ The average number of odor receptors; used to communicate within the hive and to recognize different types of flowers when looking for food.
 - _____ The number of bee types in a hive
 - _____ The average number of bees in a typical bee hive/colony
 - _____ The number of times each day a larva is fed!
 - _____ The number of stomachs a honey bee has.
 - _____ Honey bees prefer a hive with an entrance _____ feet above the ground and facing south.
 - _____ The number of days needed for an egg to develop into a queen
 - _____ The number of days needed for an egg to develop into a worker bee
 - _____ The number of days needed for an egg to develop into a drone bee
 - _____ The maximum of months a drone lives, unless he mates a queen, then he dies immediately.
 - _____ The number of weeks' worker bees, raised during the spring or summer months, live.
 - _____ The number of bees who work their entire life time to produce one teaspoon of honey.
 - _____ The average flying speed of a honey bee, in miles per hour loaded down with nectar.
 - _____ The maximum percentage of water in honey. Bees dehydrate the nectar & enzyme mixture. Nectar starts at 30 - 90% water.
 - _____ The average number of pounds of honey produced by a Maryland honey bee hive
 - _____ The temperature, in 'F of the center of a winter "bee ball"
 - _____ The temperature above which the bees can fly from the hive
 - _____ The number of flowers that a foraging honey bee visits per foraging trip.
 - _____ The number of times a honey bee's wings beat per minute. This makes their distinctive buzz.
 - _____ The number of bee species in the world.
 - _____ The number of sides on a honeycomb cell.
 - _____ The average number of trip a forager bee makes from the hive each day.
 - _____ The average number of flowers a honey bee visits in a day.
 - _____ On average, the number of eggs a queen lays each day.
 - _____ The number of eyes a honey bee has.

12,000 6 55 9 10

5 18 5000 TWO

100 12 15 3 16

25,000 35

11,400 4 170

60,000 one 1000

92 16 21 24

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Match the numbers on the accompanying sheet to the honey bee facts listed below. Numbers can be used more than once.

- 
- 1 The number of queens in a hive
- 4 The number of wings a honey bee has
- 6 The number of legs a honey bee has
- 170 The average number of odor receptors; used to communicate within the hive and to recognize different types of flowers when looking for food.
- 3 The number of bee types in a hive
- 60000 The average number of bees in a typical bee hive/colony
- 12000 The number of times each day a larva is fed! $\frac{110000}{9}$
- 2 The number of stomachs a honey bee has.
- 9 Honey bees prefer a hive with an entrance _____ feet above the ground and facing south.
- 16 The number of days needed for an egg to develop into a queen
- 21 The number of days needed for an egg to develop into a worker bee
- 24 The number of days needed for an egg to develop into a drone bee
- 4 The maximum of months a drone lives, unless he mates a queen, then he dies immediately.
- 6 The number of weeks' worker bees, raised during the spring or summer months, live.
- 12 The number of bees who work their entire life time to produce one teaspoon of honey.
- 15 The average flying speed of a honey bee, in miles per hour loaded down with nectar.
- 18 The maximum percentage of water in honey. Bees dehydrate the nectar & enzyme mixture. Nectar starts at 30 - 90% water.
- 35 The average number of pounds of honey produced by a Maryland honey bee hive
- 92 The temperature, in 'F of the center of a winter "bee ball"
- 55 The temperature above which the bees can fly from the hive
- 100 The number of flowers that a foraging honey bee visits per foraging trip.
- 11400 The number of times a honey bee's wings beat per minute. This makes their distinctive buzz.
- 25000 The number of bee species in the world.
- 6 The number of sides on a honeycomb cell.
- 10 The average number of trip a forager bee makes from the hive each day.
- 5000 The average number of flowers a honey bee visits in a day.
- 1000 On average, the number of eggs a queen lays each day.
- 5 The number of eyes a honey bee has.