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1. A bee visits 15 flowers before returning to the nest, and those 15 visits take 20 minutes to complete, how many visits could be completed in an hour?

2. A large colony of 60,000 bees decides to break into two. How many bees are in each of the new colonies if two-thirds go to one colony and one-third goes to the second colony?

3. 160 ounces of nectar are needed to make one pound of honey and a very large bee can carry 0.1 ounces of nectar per foraging trip. How many foraging trips does the large bee need to make to make a pound of honey? Hint: there are 16 ounces in 1 pound.

4. Honey bees beat their wings about 200 times per second giving them their familiar buzzing sound. If they kept beating their wings at a consent rate for an entire minute, how many times would their wings beat during that minute?



Buggy Word Problems

5. A honey bee queen is very busy. She lays up to 1,500 eggs every day of her life. At this rate, how many eggs does she lay in a week?

6. A worker honey bee can make 2,000 flower visits on a good day. If a colony has 20,000 worker bees, how many flower visits can they make as a colony on a good day?

Buggy Word Problems

7. The foragers from a single honey bee colony will fly 110,000 miles, the equivalent of three orbits around the Earth to make just 2 pounds of honey. How many miles do foragers from a single honey bee colony need to fly to make 1 pound of honey?

8. Honey bees in a hive must eat about 8 pounds of honey to produce just one pound of beeswax. How many pounds of honey are needed to produce a ton of beeswax. Hint: 2,000 pounds = 1 ton

