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**Amazing  
Animals**

# Honeybees

Place Value



Kristy Stark



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bee hive

# The Lives of Honeybees

One job that honeybees have is to build their homes. But they do not have to do it alone. Honeybees live in big groups called **colonies**. Colonies work together to build their homes. These homes are called hives. Most of the time, bees build their hives in trees.

The honey that people buy in stores comes from bee farms. The bees on farms do not build their hives in trees like wild honeybees do. The bees on farms live in big boxes that are used as their hives.



Bees on farms use boxes like these as their hives.





Honeybees have another job. They make honey from nectar. Nectar is a sweet juice found in flowers. Bees love the taste. They spend their days searching for nectar. One bee may drink nectar from hundreds and hundreds of flowers each day!

Honeybees use their long tongues to drink nectar from flowers. When they drink their fill, they go back to their hives. Once there, they spit into other bees' mouths. These bees chew the nectar for about 30 minutes. Then, they spit it into the honeycomb part of the hive.



bees in a honeycomb



A honeybee uses its tongue to suck up nectar from flowers.

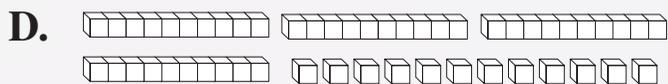
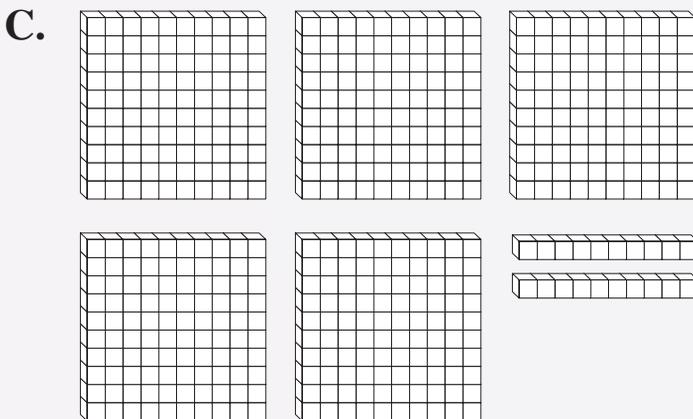
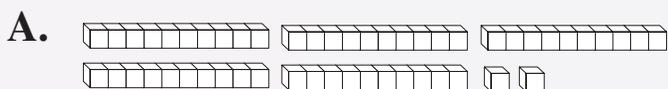




# Problem Solving

José and Makayla have bees on their farm. First, the bees make honey. Then, they sell the honey.

1. José and Makayla have 52 hive boxes. Which of the following show 52?



2. José and Makayla add 8 more hive boxes. How many hive boxes do they have now? How do you know?
3. The bees on the farm make 108 pounds of honey in a month.
  - a. Write 108 as a total of hundreds, tens, and ones.
  - b. Draw the number line below, and plot 108.

