

--	--	--	--	--	--	--	--	--	--

$21 + 14 + 32 + 43 = \square$

--	--	--	--	--	--	--	--	--	--

**Amazing  
Animals**

# Honeybees

Place Value



Kristy Stark

# Table of Contents

Buzzing Around .....	4
The Lives of Honeybees .....	6
Bees in Danger .....	14
Our World in Danger .....	18
Save the Bees.....	22
Will You Help? .....	26
Problem Solving .....	28
Glossary .....	30
Index.....	31
Answer Key .....	32

# Buzzing Around

Have you ever watched a bee fly? You may have seen bees buzzing around plants and flowers. Did you wonder what the bees were doing?

You may think bees fly around so they can sting people. But that is not true. Bees will only sting if they are scared or bothered.

Honeybees would rather do their jobs than sting people. Their jobs are very important.





For Review Only

# The Lives of Honeybees



bee hive

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.

## LET'S EXPLORE MATH

Look at the picture below. Find the number of honeybees.



Which of the following show the number of bees in the picture?

- A.
- B.
- C.

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.



# Math Talk

1. One beekeeper places 10 honeybees in each of his 10 hives. Another beekeeper places 100 honeybees in 1 hive. Who has more total honeybees? How do you know?
2. Are 20 tens the same as 200? How do you know?
3. How can you build a model of 900 using only tens blocks?
4. Is it possible to build a model of 235 using only hundreds blocks? Why or why not?
5. Stacy says she can make \$300 with 30 ten-dollar bills. Seth says he can make \$300 with 20 ten-dollar bills and 100 one-dollar bills. Do you agree with either of them? Why?
6. How many ways can you arrange the digits 3, 6, and 9 to create three-digit numbers? How can you use hundreds, tens, and ones to prove that each number is different?