# The Size of Honey Bee Brains

Name: ANSWER KEY Date: _____

## Vocabulary Words: Match the definition to each word.

1. A honey bee's brain is the size of a grain of sand.
2. The researchers moved the food source 150 feet farther each time.
3. The bees found the food in about 10 minutes every time.
4. The bees figured out the pattern and waited for the researchers at the next spot.
5. The researchers were from Princeton University.

**Word bank:** Princeton, grain of sand, pattern, ten, one hundrered fifty

## Multiple Choice: Choose the correct answer from the choices for each question.

1. What were the researchers moving?
   - A. The beehive
   - B. The bees
   - C. The food source
   - D. The flowers

2. How did the bees show they learned the pattern?
   - A. They ignored the food
   - B. They got lost
   - C. They waited at the new food spot
   - D. They returned to the hive

3. How far away did the food end up from the hive after four moves?
   - A. 150 feet
   - B. 300 feet
   - C. 450 feet
   - D. 600 feet

4. What special ability did the bees show?
   - A. They could calculate distance and patterns
   - B. They could talk to researchers
   - C. They could fly faster than other insects
   - D. They could turn invisible

## Discussion & Reflection: Answer the following questions in complete sentences

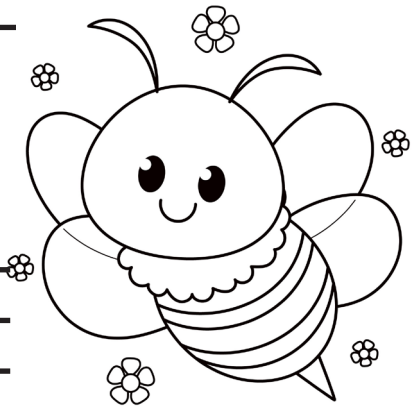
1. How do you think bees help their hive with their intelligence?

Bees use their intelligence to find food and share the location with other bees, helping the whole hive survive.

2. What is something you found interesting about honey bees from this passage?

I found it interesting that bees can recognize patterns and solve problems even though their brains are so small.

3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice: