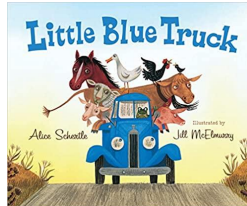


## How Many Animal Feet?



### Problem

How many feet helped the Little Blue Truck out of the mud? How do you know? Use numbers or pictures to explain your thinking.

### Standards and Learning Targets

**Standard 1.NBT.1** Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.

**Standard 1.OA.5** Relate counting to addition and subtraction. *For example, by counting on 2 to add 2.*

**Learning Target:** Relate Counting to Addition

### Lesson Outline

**Anticipate Strategies:** Before you begin this lesson, be sure to anticipate the strategies your students might use to solve the problem using the [Picture Book Problem Monitoring Chart](#). Some students might draw each animal and count the feet by ones while others might make a tally chart.

**Launch:** Read aloud *The Little Blue Truck* by Alice Schertle. Ask students to think about what they notice or wonder that could be answered using math.

Gather student ideas. Then propose the following problem: How many feet helped the Little Blue Truck out of the mud? How do you know? Use numbers or pictures to explain your thinking.

**Explore:** Students work independently or in pairs to figure out how many feet helped the Little Blue Truck out of the mud. Provide students with manipulatives such as farm

animals or farm animal stickers for students who need concrete manipulatives to solve the problem.

Students will use numbers or pictures to explain how they solved the problem. Here is a recording sheet for this task: [Animal Feet Recording Sheet](#)

\*\*\*Keep in mind that some students will think the toad has 4 feet, others might say he has 2 feet because he is standing on 2 feet in the picture.

**Summarize:** As students solve the problem, purposefully select 3-4 students or pairs to share how they solved the problem. Be sure to choose a variety of solutions ranging from using or drawing animals and counting by 1s, 2s, and a mixture of 2s and 4s. Ask students questions about how they counted the animal feet, how they kept track of what they already counted, and if there was a more efficient way they could have counted the animal feet. Then ask students to write a number sentence that shows how they counted. Discuss student number sentences and how they are related to their representations.

**Extension Ideas:** Imagine that 2 more animals came along to help. How many feet are there now?

Thank you for using one of our Picture Book Tasks! We would love to know more about your students' strategies when solving the problem, ideas you had for improving the task, and other math problems you and your students noticed or wondered about after reading the book.

Please complete our [Picture Book Task Survey](#) so that we can learn more about your experience teaching, how students solve problems, and improve our Picture Book Task Bank.