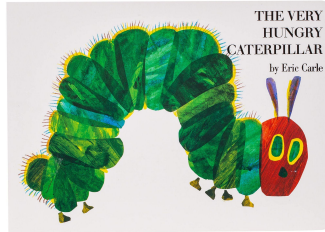


Pieces of Fruit



Task

The Caterpillar ate one apple, two pears, three plums, four strawberries, and five oranges. How many pieces of fruit did the caterpillar eat?

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

Learning Target: Relate counting to addition and write a number sentence

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](#). For example, students might draw all the fruit and then count, make a tally chart, or make groups of five or ten.

Launch: Read aloud *The Very Hungry Caterpillar* by Eric Carle. Ask students to think about what they notice or wonder that could be answered using math.

Gather student ideas. Then propose the following problem: The Caterpillar ate one apple, two pears, three plums, four strawberries, and five oranges. How many pieces of fruit did the caterpillar eat? Ask 3 students to repeat the problem back to ensure everyone understands the task.

Use numbers or pictures to explain your thinking.

[Pieces of Fruit Recording Sheet](#)

Explore: Give students 10 minutes or so to solve the problem. Provide manipulatives such as counters or rekenrecks for students who need concrete materials to solve the problem.

Be sure to allow students to solve the problem their own way. As students work, ask questions about their thinking. Support students struggling to begin by asking what they know about the problem. While you are talking with students, purposefully select at least three students to share their work during the summarize part of your lesson.

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 fruit and counting by 1s, or grouping to make fives or tens. Ask students questions about how they counted the fruit, how they kept track of what they already counted, and if there was a more efficient way they could have counted the fruit. Then ask students to write a number sentence that shows how they counted.

Extension Ideas:

- Ask students to figure out how many items the caterpillar ate
- Add a sixth and seventh day to the story

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.