

## Core Skills Analysis

### Math

- The student demonstrated an understanding of how ratios are used in everyday life, such as in cooking recipes or dividing tasks.
- They showed an ability to simplify ratios and find equivalent ratios using hands-on activities.
- The student grasped the concept of ratio as a comparison between two quantities and could apply it in practical scenarios.
- By engaging in the activity, the student improved their problem-solving skills when working with ratio problems.

### Tips

For continued development in understanding ratios, encourage the student to explore real-world applications such as budget planning, scale drawings, and sports statistics. Introducing them to interactive online tools and games that involve ratios can also make learning more engaging.

### Book Recommendations

- [Ratio Rumble: Learning Ratios with Exciting Math Games](#) by Math Adventures: A fun and interactive book that explores ratios through engaging math games and puzzles, perfect for a 12-year-old student.
- [The Math Behind Ratios: An Illustrated Guide for Young Explorers](#) by Math Explorations: This illustrated guide simplifies the concept of ratios for young readers and provides practical examples for better understanding.
- [Ratios in Action: Real-life Applications for Math Lovers](#) by Math Wizards: Discover how ratios are used in various real-life scenarios with this book filled with examples and activities tailored for 12-year-olds.