

## Core Skills Analysis

### Mathematics

- Tommy demonstrated his understanding of basic arithmetic operations such as addition, subtraction, multiplication, and the correct application of these in problem-solving.
- Through the verbal quizzing activity, he practiced mathematical reasoning by creating problem scenarios, which enhances his ability to think critically about math challenges.
- By attempting to quiz his younger sister, he reinforced his own understanding and mastery of the concepts, which is an effective teaching strategy known as peer teaching.
- The varied operations and numbers he wrote down indicate he is beginning to work with larger numbers and multi-step problems, enhancing his numerical fluency.

### Tips

To further enhance Tommy's learning experience, consider encouraging him to explore word problems that incorporate everyday situations, helping him see math in real-life contexts. Introduce math games or apps that emphasize fun in learning, as they can provide interactive practice with varying difficulty levels. Additionally, integrating storytelling into math problems can stimulate his imagination and deepen his engagement.

### Book Recommendations

- [The Math Curse](#) by Jon Scieszka: A whimsical story where a student finds that everything can turn into a math problem, helping children see math in everyday scenarios.
- [Sir Cumference and the First Round Table](#) by Cynthia Graham: This engaging tale introduces concepts of geometry in a fun, story-driven approach that appeals to young math lovers.
- [Math Fables: Lessons That Count](#) by Greg Tang: A collection of fables that teach important math concepts through engaging narratives, making learning math both entertaining and educational.

### Learning Standards

- WA Math Standard 2.OA - Operations and Algebraic Thinking: Understand addition as putting together and subtraction as taking apart.
- WA Math Standard 3.OA - Operations and Algebraic Thinking: Solve problems involving the four operations, and identify and explain patterns in arithmetic.
- WA Math Standard 2.NBT - Number and Operations in Base Ten: Understand place value and use it to perform calculations.