

## Objective

By the end of this lesson, you will be able to apply arithmetic concepts to solve problems and puzzles inspired by Calvin and Hobbes comics.

## Materials and Prep

- Paper
- Pencil or pen
- Calvin and Hobbes comic strips (optional)

No prior knowledge is required for this lesson.

## Activities

- Activity 1: Comic Strip Math

Choose a Calvin and Hobbes comic strip and identify the arithmetic operations involved in the story or dialogue. Write down the equations and solve them to find the answers. Discuss the solutions and any interesting patterns or connections you notice.

- Activity 2: Calvin's Puzzle

Create a math puzzle inspired by Calvin and Hobbes. Present the puzzle to the student and challenge them to solve it using arithmetic operations. Provide hints and guidance as needed, and discuss the solution strategy together.

- Activity 3: Calvin's Math Challenge

Set a time limit and ask the student to solve as many arithmetic problems as they can within that time. Use numbers and scenarios related to Calvin and Hobbes comics to make it more engaging. Keep track of their progress and celebrate their achievements.

## Talking Points

- Arithmetic is the branch of mathematics that deals with numbers and the operations of addition, subtraction, multiplication, and division.
- Equations are mathematical expressions that contain an equals sign (=) and show the relationship between two or more quantities.
- When analyzing a comic strip, pay attention to the dialogue, actions, and visual cues to identify the arithmetic operations involved.
- Remember to follow the order of operations (PEMDAS/BODMAS) when solving equations, which dictates the sequence in which operations should be performed.
- Math puzzles can be challenging but also fun. Take your time, think creatively, and try different approaches to find the solution.
- Practice makes perfect! The more you engage with arithmetic problems, the better you'll become at solving them quickly and accurately.