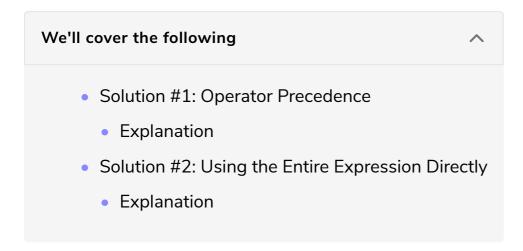
Solution Review: Arithmetic Operators

In this review: we give a detailed analysis of the solution to this exercise.



Solution #1: Operator Precedence



Explanation

The given task here was to find the value of the equation

```
2 + 4 * 9 - 8
```

Mathematically, we need to find the value of the multiplying numbers first, keeping in mind **operator precedence**. So, we multiply 4 and 9 and save the value in the variable ans . Next, we perform addition. We can either perform subtraction or addition first, but we move from left to right: add 2 to ans and store in ans , then, subtract 8 from ans .

Operator precedence determines which operator is performed first in an expression with more than one operators.

- *, / and % operators have equal precedence.
- + and operators have equal precedence.
- *, / and % have higher precedence than + and -. The operator with higher precedence is executed first in the expression.

Solution #2: Using the Entire Expression Directly



Explanation

This is the simpler method, just find the value of the entire string and pass to cat() for printing. Here, **operator precedence** will be handled by R compiler itself.

Now, that we have an idea of **Arithmetic Operators** let's move on to **Relational Operators**.