

Game's name: What Is "1+1."

Goal

The goal is to rearrange and duplicate the "+" symbols so that each given equation matches the result the system is asking for.

Description

Each level gives you a simple equation, like $1+1$, $2+2$, or $3+3$.

The system provides several possible results that the equation is allowed to equal at that level.

You can copy, move, or reposition the "+" symbols to change how the equation functions. The level is cleared once the structure you create makes the system read the equation as the target result.

Solution

A valid solution is any arrangement of "+" symbols that makes the system output the required result.

As long as your setup triggers the system's rules to produce the target number, the puzzle is considered solved.

E.g., Level 1:

$$1+1=1 \rightarrow \text{move "1" from "+" to "1"} \rightarrow 11-1=1$$

$$1+1=3 \rightarrow \text{duplicate "1" from "+" and move "1" to "1"} \rightarrow 11+1=3$$

$$1+1=0 \rightarrow \text{duplicate "1" 2 times from "+" and move "1" to the left "1" and the right "1"} \rightarrow 11-11=0$$

$$1+1=4 \rightarrow \text{duplicate "1" 3 times from "+" and move "1" to the left "1" and the right "1"} \rightarrow 11+11=4$$

$$1+1=5 \rightarrow \text{duplicate "+" and move to either left or right "1"} \rightarrow 4+1=5$$

E.g., Level 2:

$$2+2=10 \rightarrow \text{duplicate "1" 2 times from "+" and move "1" to either left or right "2"} \rightarrow 2+8=10$$

$$2+2=0 \rightarrow \text{move "-" from "+"} \rightarrow 2-2=0$$

Reference:

