

Objective: Teach students about math functions and how inputs and outputs work in a sequential process.

Materials Required: The printed worksheets below.

Instructions:

1. Start at the number marked “Input”, then follow the direction of the pipe to reach the output.
2. Complete each operation listed in the sequence, using the answer from one operation as the input for the next. Each operation could involve addition, subtraction, multiplication, or division.
3. After completing each operation, write the result in the blue answer line that looks like , then use it as the input for the following step.

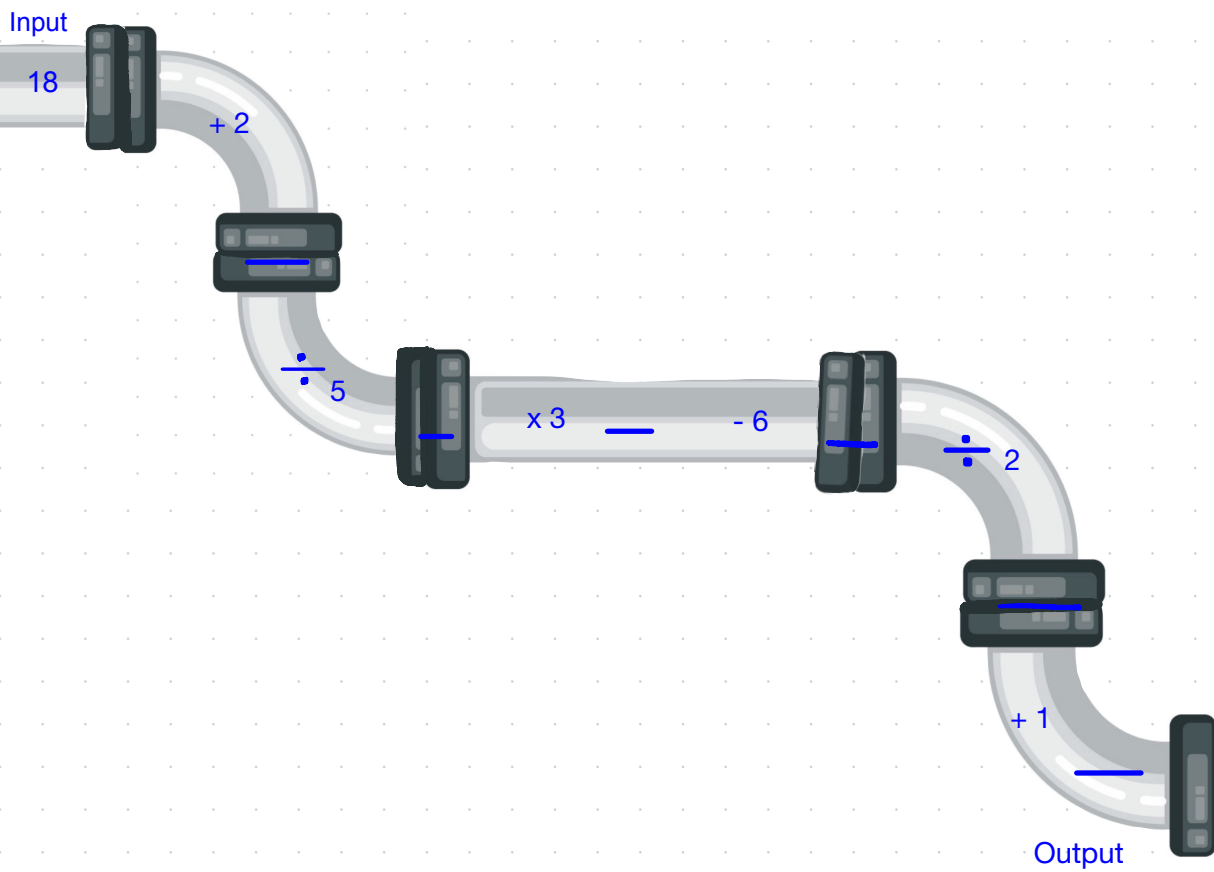
What it Teaches:

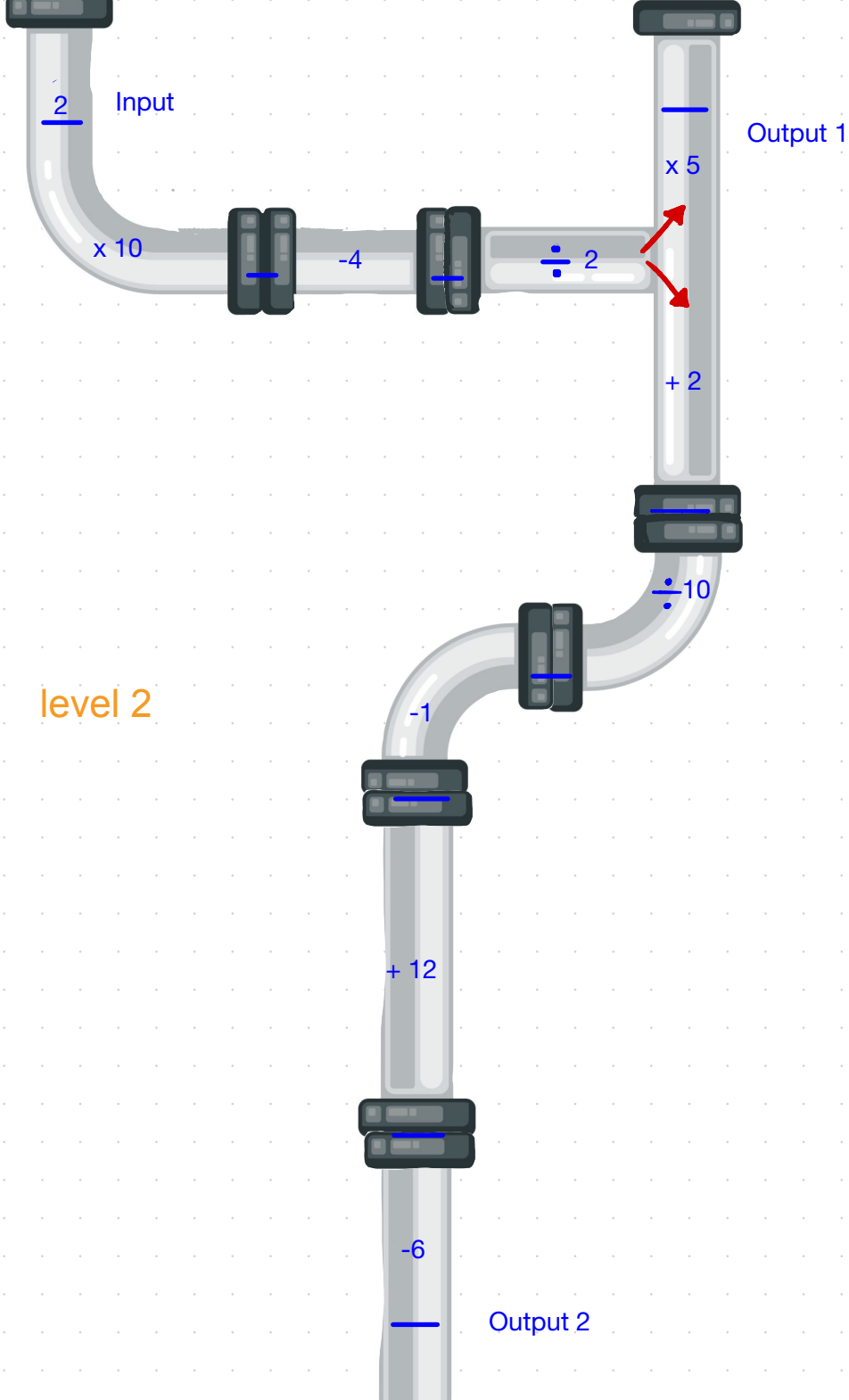
Sequential Processing: Understanding how each step builds upon the last, a foundational concept in functions and algorithms.

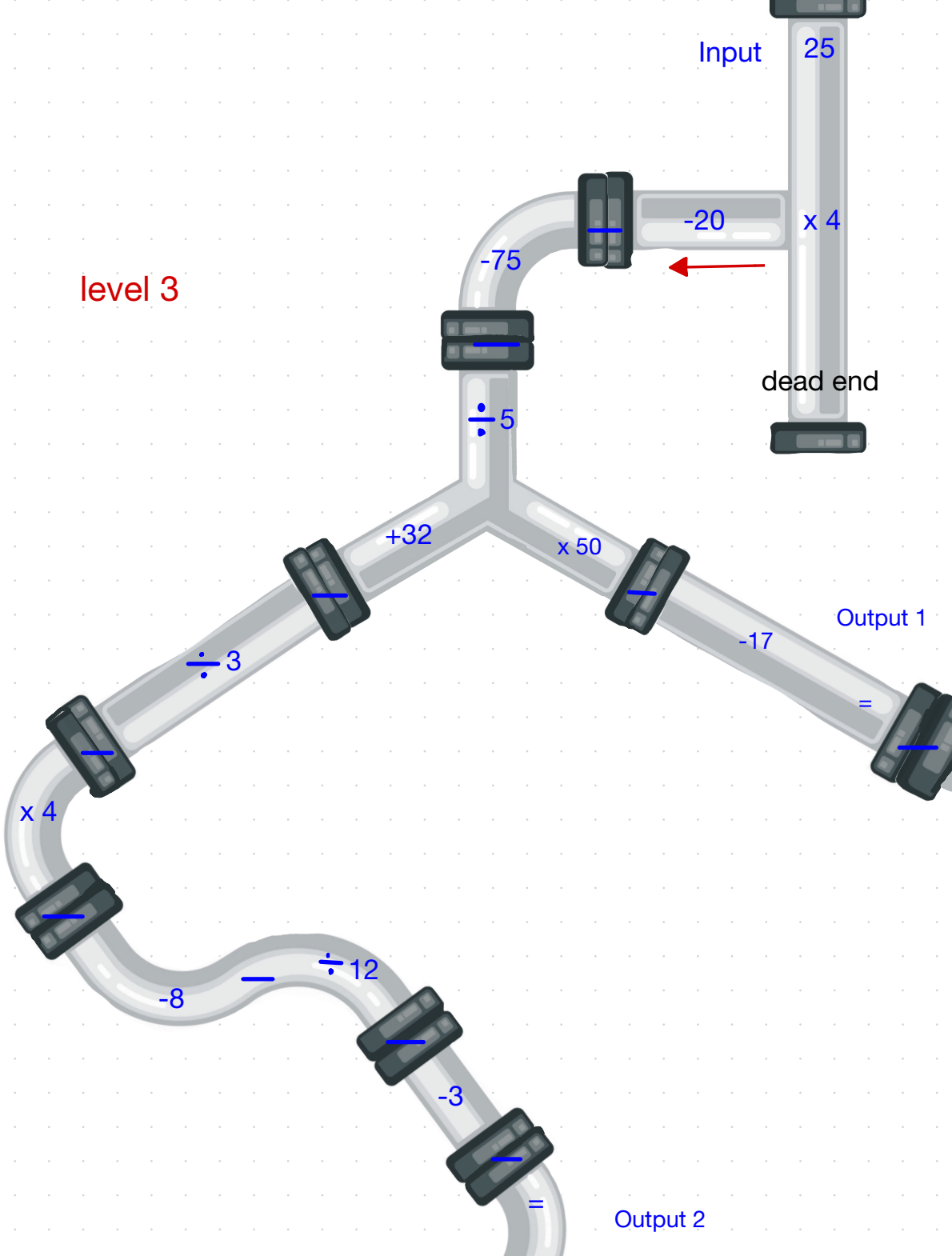
Order of Operations: Reinforces PEMDAS (Parentheses, Exponents, Multiplication/Division, Addition/Subtraction) in problem-solving.

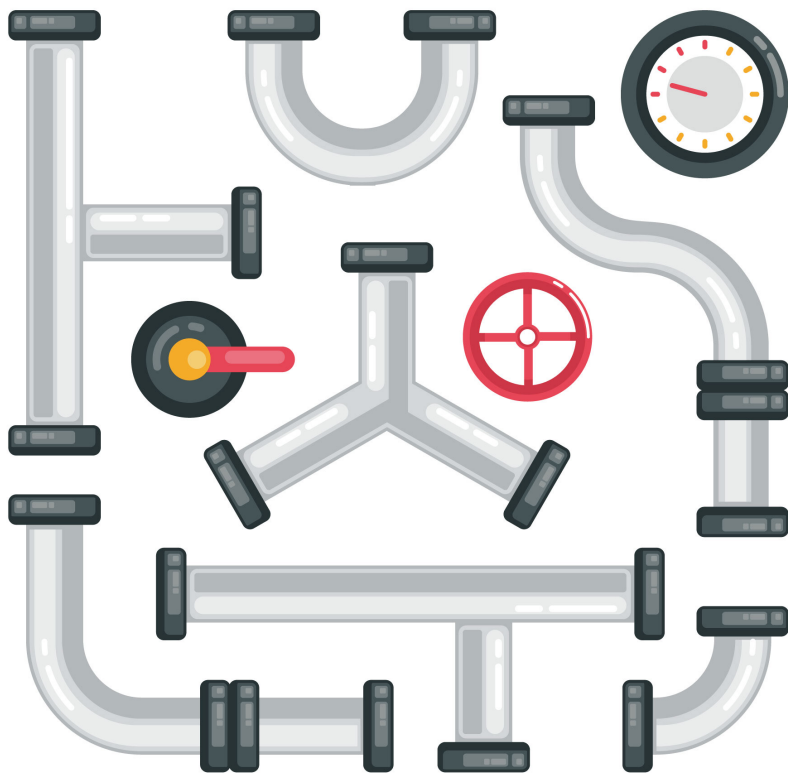
Math Reasoning: Encourages careful calculation and logical progression, helping students understand how each operation affects the outcome.

level 1









designed by  freepik