

EXPLANATION

1. **Identify the goal.**

The goal is to find the value of x that makes the equation true. The equation is $2x + 3 = 7$. To solve for x , we need to isolate x on one side of the equation.

2. **Identify the operations.** The operations are addition and multiplication. We need to use inverse operations to isolate x .

3. **Identify the order of operations.** We need to subtract 3 from both sides of the equation first, and then divide both sides by 2.

4. **Identify the answer.** The answer is $x = 2$. We can check this by substituting $x = 2$ into the original equation: $2(2) + 3 = 7$, which is true.

ANSWER

Step	Operation	Result
1	Subtract 3 from both sides	$2x = 4$
2	Divide both sides by 2	$x = 2$

ANSWER: $x = 2$

EXPLANATION



ANSWER: $x = 2$