

Let's break down your question step by step to clarify any confusion regarding the simplification of the decimal 0.66 and the relevance of subtracting -6.

1. **Simplifying 0.66**: You started correctly by expressing 0.66 as a fraction. The decimal 0.66 can be written as:

$$0.66 = 66/100$$

Next, you simplify this fraction. Both the numerator (66) and the denominator (100) can be divided by 2:

$$66 \div 2 = 33 \text{ and } 100 \div 2 = 50$$

Thus, 0.66 simplifies to:

$$0.66 = 33/50$$

2. **Understanding -6**: Now, regarding the addition of -6 (or subtracting it, as it seems you might be referencing a negative value). To determine whether -6 is just a point of clarification or a necessary part of the calculation, we need to see its context:

-6 could represent part of an equation where you are required to maintain the integrity of the original mathematical intention. For instance, if you were solving an equation like:

$$x + 0.66 = -6$$

In this case, you need to isolate x, which means you will subtract 0.66 from both sides, leading to:

$$x = -6 - 0.66$$

3. **Subtracting -6**: Therefore, subtracting -6 from the equation serves a specific purpose—it helps you find the value of x. It's not merely to prove a point but rather a necessary operation to maintain the validity of the equation.

4. **Conclusion**: In summary, simplifying from 0.66 to 33/50 is a critical first step in handling fractions, while handling terms like -6 is crucial in ensuring that you solve equations accurately. Always consider the structure of the equation you're working with and each term's purpose to fully understand the representation.