

## Hint

- For this example situation, students will need to remember that to solve for a variable, the equation must be balanced. Therefore, what is done to one side of the equation must be done to the other.
- Students are solving for  $x$ , the number of gallons of gas purchased. In order to isolate the variable and solve, students must remove the 2.4 from the side of the variable. Since the 2.4 has a multiplicative relationship with the variable, we must use the inverse operation to remove it. Then, we must perform that same operation on the other side of the equal sign.