It appears that you have added the numerators and multiplied the denominators. To add these fractions, rewrite each with the least common denominator, which is $(x + 4)(x - 1)$. Start with:

$$\frac{3x}{x + 4} + \frac{1}{x - 1} = \frac{(3x)(x - 1)}{(x + 4)(x - 1)} + \frac{1(x + 4)}{(x + 4)(x - 1)}$$

Simplify the numerators and add.