

It appears that you subtracted the numerators and multiplied the denominators. Instead, you need to find the least common denominator, which is  $(x + 5)(x + 2)$ . Then rewrite both fractions so that they have this denominator. Finally, subtract only the numerators while keeping the denominator the same. The correct answer

is: 
$$\frac{5x + 1}{x^2 + 7x + 10}$$