

You may have combined the numerators and then added the denominators. Instead, find the least common denominator and use this to rewrite each term as an *equivalent* fraction:

$$\frac{2x}{x^2 - 49} + \frac{4}{2x - 14} - \frac{3}{x + 7} = \frac{2x(2)}{2(x - 7)(x + 7)} + \frac{4(x + 7)}{2(x - 7)(x + 7)} - \frac{3(2)(x - 7)}{2(x - 7)(x + 7)}$$

Then simplify and combine the numerators while keeping the denominator the same.