

It appears that you found the least common multiple (LCM) of the denominators, but then subtracted the given numerators. First rewrite each fraction with the LCM as the denominator:

$$\frac{3x-2}{x-2} - \frac{x-1}{x^2-5x+6} = \frac{(3x-2)(x-3)}{(x-2)(x-3)} - \frac{x-1}{(x-2)(x-3)}$$

Then subtract and simplify.