It appears that you combined the original numerators while changing the denominators to the correct LCD. Instead, rewrite each term as an *equivalent* fraction before adding or subtracting:

$$\frac{7}{12b^3} + \frac{9a^2}{10b^5} - \frac{4a}{15b} = \frac{7(5b^2)}{(12b^3)(5b^2)} + \frac{9a^2(6)}{(10b^5)(6)} - \frac{4a(4b^4)}{(15b)(4b^4)}$$

Then simplify and combine the numerators.