

It seems that you added all of the exponents. There are two different rules of exponents that you must apply here. First you must simplify  $(x^6)^5$  and  $(x^4)^7$  using the power rule:  $(x^a)^b = x^{a \cdot b}$ . Then to complete the problem you must use the product rule:  $x^a \cdot x^b = x^{a+b}$ . The correct answer is  $x^{58}$ .