

Quiz 5a

Name _____

1. Is $(x + 2)^2 = x^2 + 4$? Make the substitution $x = 5$ and check by computing both sides.
2. The distributive law says $a(b + c) = ab + ac$. Make the substitutions $a = 3, b = x, c = 5$
3. Combine like terms: $2x + 3 - 5x + 7$
4. Remove the parentheses and combine like terms: $3(x + 5) - 2x - 5$
5. What is $3(x + 5) - 2x - 5$ if $x = 2176$?