Incorrect. Regroup: $\left(\dfrac{4.2}{5.6}\right)\left(\dfrac{10^{-12}}{10^6}\right)$. Divide the numbers and use the quotient rule. Convert the quotient of the numbers into scientific notation. Now group the powers of 10 and use the product rule. The result is 7.5×10^{-19}. The correct answer is -19.