

Correct. The 2010 population was $6.861 \cdot 10^9 = 6,861,000,000$ (since multiplying by 10^9 has the same effect as moving the decimal point 9 places to the right), so the 2125 population was predicted to be $2 \cdot 6,861,000,000$, which equals 13,722,000,000.