

Correct. Regroup and multiply: $(4 \times 7.2)(10^7 \times 10^3) = (28.8)(10^7 \times 10^3)$

Use the product rule: $(28.8) \times 10^{7+3} = 28.8 \times 10^{10}$

Convert 28.8 into scientific notation, regroup, and use the product rule:

$$2.88 \times (10^1 \times 10^{10}) = 2.88 \times 10^{1+10} = 2.88 \times 10^{11}$$