



Sprinting Towards Fluency!

Compare 2.01×10^{15} and 2.8×10^{13} . Which number is larger?

$$2.01 \times 10^{15} = 2.01 \times 10^2 \times 10^{13} = 201 \times 10^{13}$$

Since $201 > 2.8$, we have $201 \times 10^{13} > 2.8 \times 10^{13}$, and since $201 \times 10^{13} = 2.01 \times 10^{15}$, we conclude $2.01 \times 10^{15} > 2.8 \times 10^{13}$.