

Wow! It's so bright out here! Can you believe it is so bright even though the sun is 1.5×10^{11} meters away?

Why do you always have to do that?

Do what?

Say "times ten to the eleventh". Why not just say 150000000000?

Well, scientific notation is a method of reporting numbers that allows values too large or small to be conveniently written in decimal notation to be shortened. Because the distance to the sun is so big, we can use 1.5×10^{11} . It's easier.

Oh, you mean like, "I hate you $\times 10^{1,000,000}$."

You're real mature.