(scale) There is a tradition in programming languages to use a scale operator, \( e \), in the limited context of digit sequences. Thus \( 12e3 = 12 \times 10^3 \). Consider using the scale notation with arbitrary expressions, not just digits. For example, \( (6+6)e(5-2) = 12e3 \). What changes are needed to the number axioms?

§ Just add the axiom
\[
x e y = x \times 10^y
\]