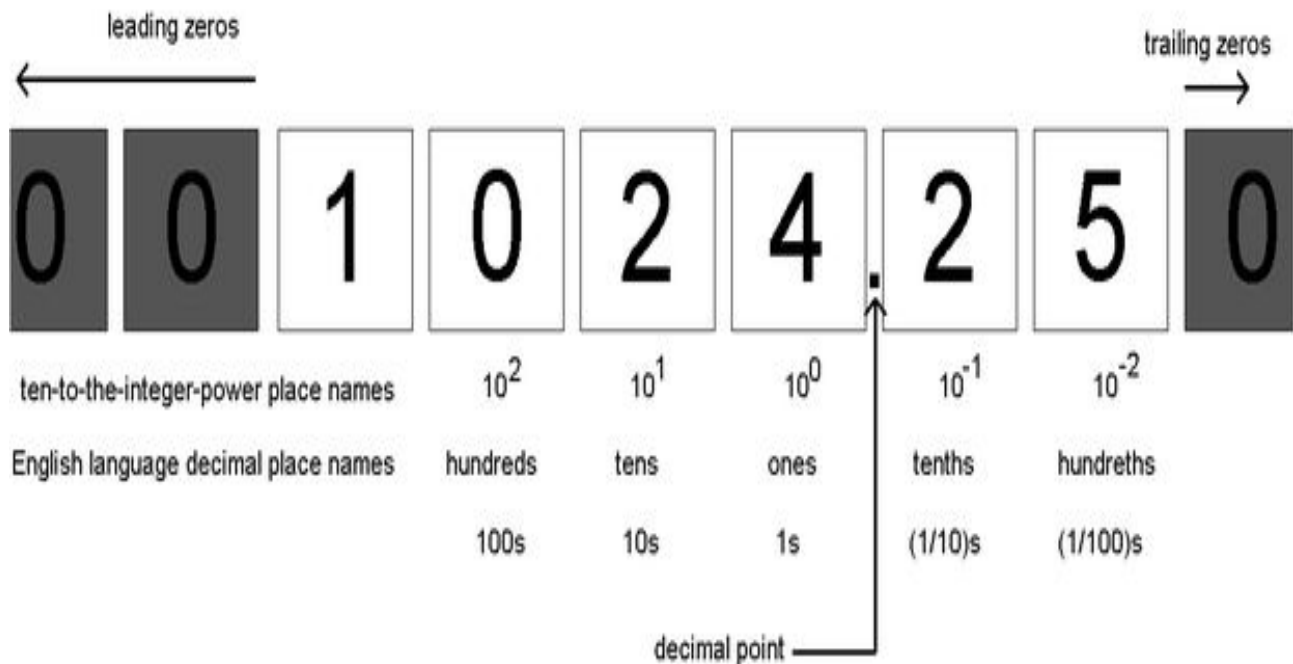


The decimal number 1024.25 is a string of digits. Each digit has its place relative to the decimal point.



This number can be written as a sum with a term for each decimal place:

$$1024.25 = (1 \cdot 10^3) + (0 \cdot 10^2) + (2 \cdot 10^1) + (4 \cdot 10^0) + (2 \cdot 10^{-1}) + (5 \cdot 10^{-2})$$