Key words and symbols: what I need to say and write accurately

Numbers in standard form look like this.

$$x \times 10^{n}$$

$1 \leq x < 10$

n is an integer

The power of 10 tells us how many place value columns up or down to move.

e.g. 123 000 = $\mathbf{1.23 \times 10^{5}}$

0.000 012 3 = $\mathbf{1.23 \times 10^{-5}}$

Fingertip facts: what I need to learn by heart

Prefixes for SI units

Standard form	Amount	Prefix	Symbol
1×10^{12}	1 000 000 000 000	tera	T
1×10^{9}	1 000 000 000	giga	G
1×10^{6}	1 000 000	mega	M
1×10^{3}	1 000	kilo	k
1×10^{2}	100	hecto	h
1×10^{1}	10	deca	da
1×10^{0}	1		
1×10^{-1}	0.1	deci	d
1×10^{-2}	0.01	centi	c
1×10^{-3}	0.001	milli	m
1×10^{-6}	0.000001	micro	μ
1×10^{-9}	0.000000001	nano	n
1×10^{-12}	0.000000000001	pico	p