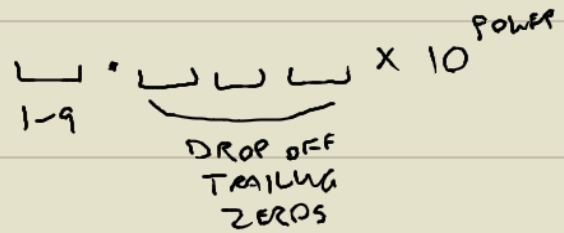


SCIENTIFIC NOTATION



① $315,000,000$
 3.15×10^8

DEC → SCI
 MOVE DECIMAL TO LEFT
 POS. POWER
 MOVE DECIMAL TO RIGHT
 NEG. POWER

② 0.000517
 5.17×10^{-4}

③ 310
 3.1×10^2

④ 7.18×10^3
 7.180
 7180

SCI → DEC
 POS. POWER → MOVE DECIMAL TO RIGHT $\times^2 \cdot \times^3$
 NEG. POWER → MOVE DECIMAL TO LEFT

⑤ 3.2×10^{-4}
 0.00032

⑥ 7.8×10^7
 7.80000000
 $78,000,000$

⑦ $(2 \times 10^{-2}) (9 \times 10^{-3})$
 18×10^{-5}
 $18.$
 0.0018
 1.8×10^{-4}

⑧ $\frac{30,000,000.}{(5 \times 10^6)(2 \times 10^4)}$
 $\frac{3 \times 10^7}{10 \times 10^{-2}}$

$\frac{3 \times 10^7}{10^1 \times 10^{-2}}$
 $\frac{3 \times 10^7}{10^{-1}}$
 $3 \times 10^7 \cdot 10^1$
 3×10^8