

Write the following in standard index form:

3000
125000
29000
373000000
10 (be careful)
Five Million

Write the following in standard index form:

0.003
0.0008
0.000567
0.1

Write these as ordinary numbers:

3×10^2
 2.8×10^5
 3.64×10^{-2}
 1.4×10^{-1}

Simplify the following NON CALCULATOR:

$(3 \times 10^6) \times (2 \times 10^2)$
 $(3 \times 10^5) \times (3 \times 10^{-3})$
 $(7 \times 10^3) \times (2 \times 10^2)$ (This are all multiplication)
 $(3 \times 10^6) \times (4 \times 10^{-1})$
 $(5 \times 10^{-6}) \times (4 \times 10^{-2})$

$(6 \times 10^6) \div (2 \times 10^2)$
 $(8 \times 10^5) \div (4 \times 10^{-3})$
 $(10 \times 10^{-3}) \div (2 \times 10^2)$ (These are all division)
 $(3 \times 10^6) \div (6 \times 10^{-1})$
 $(5 \times 10^{-6}) \div (2 \times 10^{-8})$

$(6 \times 10^3) + (5 \times 10^2)$
 $(8 \times 10^5) - (3 \times 10^4)$
 $(13 \times 10^4) - (2 \times 10^4)$ (These are addition or subtraction)
 $(3 \times 10^{-2}) + (6 \times 10^{-1})$
 $(6 \times 10^{-7}) + (2 \times 10^{-8})$

$\frac{(6 \times 10^5) \times (5 \times 10^2)}{(2 \times 10^4)}$
 $\frac{(8 \times 10^5) \times (3 \times 10^4)}{(2 \times 10^{-4})}$
 $8000 \times (3 \times 10^4)$
 $2000 \times (4 \times 10^5)$

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