Standard Index Form (This is all non calculator) Name___

Write the following in standard index form: 3000 125000
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: $(2 \times 10^6) \times (2 \times 10^2)$
$(3 \times 10^6) \times (2 \times 10^2)$ $(2 - 10^5) \times (2 - 10^{-3})$
$\begin{array}{c} (3 \times 10^5) \times (3 \times 10^{-3}) \\ (7 \times 10^3) \times (2 \times 10^2) \end{array}$ (This are all multiplication)
$(7 \times 10^{-5}) \times (2 \times 10^{-5})$ $(3 \times 10^{6}) \times (4 \times 10^{-1})$
$(5 \times 10^{-6}) \times (4 \times 10^{-2})$
$(6 \times 10^6) \div (2 \times 10^2)$
$(8 \times 10^5) \div (4 \times 10^{-3})$
$(10 \times 10^{-3}) \div (2 \times 10^{-2})$ (These are all division)
$(3 \times 10^6) \div (6 \times 10^{-1})$
$(5 \times 10^{-6}) \div (2 \times 10^{-8})$
$(5 \times 10^{-}) + (2 \times 10^{-})$ $(6 \times 10^{3}) + (5 \times 10^{2})$
$(8 \times 10^5) + (3 \times 10^5)$ $(8 \times 10^5) - (3 \times 10^4)$
$(3 \times 10^{4}) - (3 \times 10^{4})$ (These are addition or subtraction)
$(13 \times 10) - (2 \times 10)$
$(3 \times 10^{-2}) + (6 \times 10^{-1})$
$\frac{(6 \times 10^{-7}) + (2 \times 10^{-8})}{(6 \times 10^{5}) \times (5 \times 10^{2})}$
$\frac{(6 \times 10^5) \times (5 \times 10^2)}{(2 \times 10^4)}$
$\frac{(8 \times 10^5) \times (3 \times 10^4)}{(2 \times 10^{-4})}$
$8000 \times (3 \times 10^4)$
$2000 \times (4 \times 10^5)$

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$(3 \times 10^5) \times (3 \times 10^{-3})$ (This are all multiplication)
$(7 \times 10^3) \times (2 \times 10^2)$
$(3 \times 10^6) \times (4 \times 10^{-1})$
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$(6 \times 10^3) + (5 \times 10^2)$
$(8 \times 10^5) - (3 \times 10^4)$
$(13 \times 10^4) - (2 \times 10^4)$ (These are addition or subtraction)
$(3 \times 10^{-2}) + (6 \times 10^{-1})$
$(6 \times 10^{-7}) + (2 \times 10^{-8})$
$\frac{(6 \times 10^5) \times (5 \times 10^2)}{(2 \times 10^4)}$
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$(7 \times 10^3) \times (2 \times 10^2)$ (The dist an independently)
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$(6 \times 10^6) \div (2 \times 10^2)$
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$(6 \times 10^3) + (5 \times 10^2)$
$(8 \times 10^5) - (3 \times 10^4)$
$(13 \times 10^4) - (2 \times 10^4)$ (These are addition or subtraction)
$(3 \times 10^{-2}) + (6 \times 10^{-1})$
$(6 \times 10^{-7}) + (2 \times 10^{-8})$
$(6\times10^5)\times(5\times10^2)$
(2×10^4)
$\frac{(8 \times 10^5) \times (3 \times 10^4)}{(2 \times 10^{-4})}$
(2×10^{-4})
$8000 \times (3 \times 10^4)$
$2000 \times (4 \times 10^5)$
All a second

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