

Exponent Rules

1. $x^a x^b = x^{a+b}$

2. $x^a/x^b = x^{a-b}$

3. $(x^a)^b = x^{ab}$

4. $(xy)^a = x^a y^a$

5. $(x/y)^a = x^a/y^a$

6. $x^{-a} = 1/x^a$

7. $x^0 = 1$

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