Some of the short ones we did on the board
(at least with one class, and I thought it would be helpful to all)

Parentheses before exponents: $\quad (-3)^2 = 9$

Exponents before multiplication: $\quad -3^2 = -9$

Negative exponents: $\quad 3^{-2} = \frac{1}{3^2} = \frac{1}{9}$

Negative exponents continues: $\quad \frac{1}{3^{-2}} = 3^2 = 9$

Negative exponents again: $\quad (2x)^{-1} = \frac{1}{2x}$

We will not forget this one! $\quad 3^0 = 1$

Multiplying (same base!): $\quad x^3 * x^2 = x^5$

Dividing (same base!): $\quad \frac{x^7}{x^4} = x^{7-4} = x^3$

Dividing and negative exponents: $\quad \frac{x^7}{x^{-4}} = x^{7+4} = x^{11}$

More power! $\quad (x^3)^4 = x^{3*4} = x^{12}$

== Make up your own===