Answer on Question #81722 – Math – Algebra

Question

Laws of indices

Solution

1-st Law: $a^n * a^m = a^{n+m}$. 2-nd Law: $\frac{a^n}{a^m} = a^{n-m}$. 3-rd Law: $(a^m)^n = a^{mn}$. 4-th Law: $a^0 = 1$, $(a \neq 0)$. 5-th Law: $a^{-m} = \frac{1}{a^m}$. 6-th Law: $a^{\frac{n}{m}} = \sqrt[m]{a^n}$.

Answer provided by https://www.AssignmentExpert.com