

Indices and Laws of Indices

Understanding Negative Indices.



Express each of the following with positive exponents.

$2^{-3} =$ $4^{-2} =$ $2^{-2} =$ $9^{-2} =$ $7^{-2} =$ $3^{-2} =$ $11^{-2} =$

$3^{-5} =$ $3^{-4} =$ $a^{-3} =$ $b^{-2} =$ $7n^{-5} =$ $3y^{-1} =$ $9^{-8} =$

$11b^{-7} =$ $6^{-3} =$ $8^{-5} =$ $2^{-1} =$ $9^{-5} =$ $5^{-5} =$ $6^{-4} =$

$y^{-1} =$ $a^{-7} =$ $5^{-5} =$ $9^{-1} =$ $4^{-3} =$ $1^{-2} =$ $9^{-4} =$

$2^{-6} =$ $ab^{-7} =$ $8^{-8} =$ $a^{-7}b =$ $6^{-9} =$ $ba^{-7} =$ $8^{-9} =$

$1^{-9} =$ $6^{-4} =$ $6^{-3} =$ $8^{-3} =$ $3^{-3} =$ $6^{-2} =$ $2^{-5} =$

$7^{-3} =$ $8^{-2} =$ $2^{-5} =$ $7^{-7} =$ $9^{-5} =$ $5^{-2} =$ $7^{-3} =$

$g^{-1} =$ $e^{-7} =$ $2^{-1} =$ $2c^{-5}d^{-2} =$ $ca^{-7} =$ $6^{-3} =$ $8^{-5} =$

$9^{-4} =$ $ab^{-7} =$ $8^{-8} =$ $3^{-3} =$ $6^{-2} =$ $2^{-3} =$ $4^{-2} =$

$k^{-9} =$ $cd^{-9} =$ $1^{-1} =$ $9^{-1} =$ $4^{-3} =$ $1^{-2} =$ $2^{-5} =$

$6^{-3} =$ $2^{-2} =$ $7^{-4} =$ $g^{-1} =$ $e^{-7} =$ $2^{-1} =$ $7n^{-5}b^{-2}c =$