



# Index Laws Code Breaker



Simplify each of the following, then use your answer to determine each letter to eventually spell out a joke.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
$2^0$	$2^3$	$2^5$	$2^8$	$2^{12}$	$2^{16}$	$2^{17}$	$2^{18}$	$2^{24}$	$2^{26}$	$2^{27}$	$2^{30}$	$2^{32}$	$2^{36}$	$2^{40}$	$2^{42}$	$2^{44}$	$2^{48}$	$2^{49}$	$2^{50}$	$2^{51}$	$2^{52}$	$2^{56}$	$2^{58}$	$2^{60}$	$2^{99}$

$(2^7)^8$

$2^5 \times 2^{13}$

$2^6 \div 2^6$

$(2^{10})^5$

$2^4 \times 2^4$

$2^{30} \div 2^6$

$(2^2)^4$

$2^{20} \times 2^{30}$

$(2^9)^2$

$(2^4)^3$

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$2^{24} \times 2^8$

$2^{15} \div 2^3$

$(2^{12})^4$

$\frac{2^{40}}{2^8}$

$(2^{40})^0$

$2^{16} \times 2^8$

$(2^1)^8$

$(2^6)^5$

$2^{32} \div 2^8$

$(2^3)^9$

$2 \times 2^{11}$

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$(2^5)^{10}$

$(2^5)^8$

$2^{60} \div 2^4$

$(2^6)^2$

$\frac{2^9}{2^9}$

$(2^8)^6$

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$2^{-4} \times 2^4$

$(2^6)^6$

$2^9 \times 2^{-9}$

$(2^{10})^3$

$2^{15} \times 2^2$

$(2^0)^0$

$2^{16} \div 2^4$

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$2^{10} \div 2^7$

$(2^{24})^2$

$2^5 \div 2^5$

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