

Exponent Tables

The ones highlighted in yellow, I expect you to know.

$1^0 = 1$	$1^1 = 1$	$1^2 = 1 \cdot 1 = 1$	$1^3 = 1 \cdot 1 \cdot 1 = 1$	$1^4 = 1 \cdot 1 \cdot 1 \cdot 1 = 1$	$1^5 = 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 = 1$
$2^0 = 1$	$2^1 = 2$	$2^2 = 2 \cdot 2 = 4$	$2^3 = 2 \cdot 2 \cdot 2 = 8$	$2^4 = 2 \cdot 2 \cdot 2 \cdot 2 = 16$	$2^5 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 = 32$
$3^0 = 1$	$3^1 = 3$	$3^2 = 3 \cdot 3 = 9$	$3^3 = 3 \cdot 3 \cdot 3 = 27$	$3^4 = 3 \cdot 3 \cdot 3 \cdot 3 = 81$	$3^5 = 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 = 243$
$4^0 = 1$	$4^1 = 4$	$4^2 = 4 \cdot 4 = 16$	$4^3 = 4 \cdot 4 \cdot 4 = 64$	$4^4 = 4 \cdot 4 \cdot 4 \cdot 4 = 256$	$4^5 = 4 \cdot 4 \cdot 4 \cdot 4 \cdot 4 = 1,024$
$5^0 = 1$	$5^1 = 5$	$5^2 = 5 \cdot 5 = 25$	$5^3 = 5 \cdot 5 \cdot 5 = 125$	$5^4 = 5 \cdot 5 \cdot 5 \cdot 5 = 625$	$5^5 = 5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 = 3,125$
$6^0 = 1$	$6^1 = 6$	$6^2 = 6 \cdot 6 = 36$	$6^3 = 6 \cdot 6 \cdot 6 = 216$	$6^4 = 6 \cdot 6 \cdot 6 \cdot 6 = 1,296$	$6^5 = 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 = 7,776$
$7^0 = 1$	$7^1 = 7$	$7^2 = 7 \cdot 7 = 49$	$7^3 = 7 \cdot 7 \cdot 7 = 343$	$7^4 = 7 \cdot 7 \cdot 7 \cdot 7 = 2,401$	$7^5 = 7 \cdot 7 \cdot 7 \cdot 7 \cdot 7 = 16,807$
$8^0 = 1$	$8^1 = 8$	$8^2 = 8 \cdot 8 = 64$	$8^3 = 8 \cdot 8 \cdot 8 = 512$	$8^4 = 8 \cdot 8 \cdot 8 \cdot 8 = 4,096$	$8^5 = 8 \cdot 8 \cdot 8 \cdot 8 \cdot 8 = 32,768$
$9^0 = 1$	$9^1 = 9$	$9^2 = 9 \cdot 9 = 81$	$9^3 = 9 \cdot 9 \cdot 9 = 729$	$9^4 = 9 \cdot 9 \cdot 9 \cdot 9 = 6,561$	$9^5 = 9 \cdot 9 \cdot 9 \cdot 9 \cdot 9 = 59,049$
$10^0 = 1$	$10^1 = 10$	$10^2 = 10 \cdot 10 = 100$	$10^3 = 10 \cdot 10 \cdot 10 = 1,000$	$10^4 = 10 \cdot 10 \cdot 10 \cdot 10 = 10,000$	$10^5 = 10 \cdot 10 \cdot 10 \cdot 10 \cdot 10 = 100,000$

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$1^6 = 1^5 \cdot 1 = 1$	$1^7 = 1^6 \cdot 1 = 1$	$1^8 = 1^7 \cdot 1 = 1$	$1^9 = 1^8 \cdot 1 = 1$	$1^{10} = 1^9 \cdot 1 = 1$
$2^6 = 2^5 \cdot 2 = 64$	$2^7 = 2^6 \cdot 2 = 128$	$2^8 = 2^7 \cdot 2 = 256$	$2^9 = 2^8 \cdot 2 = 512$	$2^{10} = 2^9 \cdot 2 = 1,024$
$3^6 = 3^5 \cdot 3 = 729$	$3^7 = 3^6 \cdot 3 = 2,187$	$3^8 = 3^7 \cdot 3 = 6,561$	$3^9 = 3^8 \cdot 3 = 19,683$	$3^{10} = 3^9 \cdot 3 = 59,049$
$4^6 = 4^5 \cdot 4 = 4,096$	$4^7 = 4^6 \cdot 4 = 16,384$	$4^8 = 4^7 \cdot 4 = 65,536$	$4^9 = 4^8 \cdot 4 = 262,144$	$4^{10} = 4^9 \cdot 4 = 1,048,576$
$5^6 = 5^5 \cdot 5 = 15,625$	$5^7 = 5^6 \cdot 5 = 78,125$	$5^8 = 5^7 \cdot 5 = 390,625$	$5^9 = 5^8 \cdot 5 = 1,953,125$	$5^{10} = 5^9 \cdot 5 = 9,765,625$
$6^6 = 6^5 \cdot 6 = 46,656$	$6^7 = 6^6 \cdot 6 = 279,936$	$6^8 = 6^7 \cdot 6 = 1,679,616$	$6^9 = 6^8 \cdot 6 = 10,077,696$	$6^{10} = 6^9 \cdot 6 = 60,466,176$
$7^6 = 7^5 \cdot 7 = 117,649$	$7^7 = 7^6 \cdot 7 = 823,543$	$7^8 = 7^7 \cdot 7 = 5,764,801$	$7^9 = 7^8 \cdot 7 = 40,353,607$	$7^{10} = 7^9 \cdot 7 = 282,475,249$
$8^6 = 8^5 \cdot 8 = 262,144$	$8^7 = 8^6 \cdot 8 = 2,097,152$	$8^8 = 8^7 \cdot 8 = 16,777,216$	$8^9 = 8^8 \cdot 8 = 134,217,728$	$8^{10} = 8^9 \cdot 8 = 1,073,741,824$
$9^6 = 9^5 \cdot 9 = 531,441$	$9^7 = 9^6 \cdot 9 = 4,782,969$	$9^8 = 9^7 \cdot 9 = 43,046,721$	$9^9 = 9^8 \cdot 9 = 387,420,489$	$9^{10} = 9^9 \cdot 9 = 3,486,784,401$
$10^6 = 10^5 \cdot 10 = 1,000,000$	$10^7 = 10^6 \cdot 10 = 10,000,000$	$10^8 = 10^7 \cdot 10 = 100,000,000$	$10^9 = 10^8 \cdot 10 = 1,000,000,000$	$10^{10} = 10^9 \cdot 10 = 10,000,000,000$