

**Power Table from 1 to 10**

|                     |                      |                       |                       |                         |
|---------------------|----------------------|-----------------------|-----------------------|-------------------------|
| $1^1 = 1$           | $2^1 = 2$            | $3^1 = 3$             | $4^1 = 4$             | $5^1 = 5$               |
| $1^2 = 1$           | $2^2 = 4$            | $3^2 = 9$             | $4^2 = 16$            | $5^2 = 25$              |
| $1^3 = 1$           | $2^3 = 8$            | $3^3 = 27$            | $4^3 = 64$            | $5^3 = 125$             |
| $1^4 = 1$           | $2^4 = 16$           | $3^4 = 81$            | $4^4 = 256$           | $5^4 = 625$             |
| $1^5 = 1$           | $2^5 = 32$           | $3^5 = 243$           | $4^5 = 1024$          | $5^5 = 3125$            |
| $1^6 = 1$           | $2^6 = 64$           | $3^6 = 729$           | $4^6 = 4096$          | $5^6 = 15625$           |
| $1^7 = 1$           | $2^7 = 128$          | $3^7 = 2187$          | $4^7 = 16384$         | $5^7 = 78125$           |
| $1^8 = 1$           | $2^8 = 256$          | $3^8 = 6561$          | $4^8 = 65536$         | $5^8 = 390625$          |
| $1^9 = 1$           | $2^9 = 512$          | $3^9 = 19683$         | $4^9 = 262144$        | $5^9 = 1953125$         |
| $1^{10} = 1$        | $2^{10} = 1024$      | $3^{10} = 59049$      | $4^{10} = 1048576$    | $5^{10} = 9765625$      |
| $6^1 = 6$           | $7^1 = 7$            | $8^1 = 8$             | $9^1 = 9$             | $10^1 = 10$             |
| $6^2 = 36$          | $7^2 = 49$           | $8^2 = 64$            | $9^2 = 81$            | $10^2 = 100$            |
| $6^3 = 216$         | $7^3 = 343$          | $8^3 = 512$           | $9^3 = 729$           | $10^3 = 1000$           |
| $6^4 = 1296$        | $7^4 = 2401$         | $8^4 = 4096$          | $9^4 = 6561$          | $10^4 = 10000$          |
| $6^5 = 7776$        | $7^5 = 16807$        | $8^5 = 32768$         | $9^5 = 59049$         | $10^5 = 100000$         |
| $6^6 = 46656$       | $7^6 = 117649$       | $8^6 = 262144$        | $9^6 = 531441$        | $10^6 = 1000000$        |
| $6^7 = 279936$      | $7^7 = 823543$       | $8^7 = 2097152$       | $9^7 = 4782969$       | $10^7 = 10000000$       |
| $6^8 = 1679616$     | $7^8 = 5764801$      | $8^8 = 16777216$      | $9^8 = 43046721$      | $10^8 = 100000000$      |
| $6^9 = 10077696$    | $7^9 = 40353607$     | $8^9 = 134217728$     | $9^9 = 387420489$     | $10^9 = 1000000000$     |
| $6^{10} = 60466176$ | $7^{10} = 282475249$ | $8^{10} = 1073741824$ | $9^{10} = 3486784401$ | $10^{10} = 10000000000$ |

**Power Table from 1 to 10**

| <b><math>n</math></b>    | <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b>  | <b>9</b>   | <b>10</b>   |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|-----------|------------|-------------|
| <b><math>1^n</math></b>  | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 1          | 1           |
| <b><math>2^n</math></b>  | 2        | 4        | 8        | 16       | 32       | 64       | 128      | 256       | 512        | 1024        |
| <b><math>3^n</math></b>  | 3        | 9        | 27       | 81       | 243      | 729      | 2187     | 6561      | 19683      | 59049       |
| <b><math>4^n</math></b>  | 4        | 16       | 64       | 256      | 1024     | 4096     | 16384    | 65536     | 262144     | 1048576     |
| <b><math>5^n</math></b>  | 5        | 25       | 125      | 625      | 3125     | 15625    | 78125    | 390625    | 1953125    | 9765625     |
| <b><math>6^n</math></b>  | 6        | 36       | 216      | 1296     | 7776     | 46656    | 279936   | 1679616   | 10077696   | 60466176    |
| <b><math>7^n</math></b>  | 7        | 49       | 343      | 2401     | 16807    | 117649   | 823543   | 5764801   | 40353607   | 282475249   |
| <b><math>8^n</math></b>  | 8        | 64       | 512      | 4096     | 32768    | 262144   | 2097152  | 16777216  | 134217728  | 1073741824  |
| <b><math>9^n</math></b>  | 9        | 81       | 729      | 6561     | 59049    | 531441   | 4782969  | 43046721  | 387420489  | 3486784401  |
| <b><math>10^n</math></b> | 10       | 100      | 1000     | 10000    | 100000   | 1000000  | 10000000 | 100000000 | 1000000000 | 10000000000 |