|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number | Second Power | Square Root | Third Power | Cubed Root |
| $$n$$root | $$n^{2}=n x n$$Square of $n$ | $\sqrt{}$ perfect square | $$n^{3}=n x n x n$$Cube of $n$ | $\sqrt[3]{}$ perfect square |
| 1 | $$1^{2}$$ | $$\sqrt{1}$$ | $$1^{3}$$ | $$\sqrt[3]{1}$$ |
| 2 | $$2^{2}$$ | $$\sqrt{4}$$ | $$2^{3}$$ | $$\sqrt[3]{8}$$ |
| 3 | $$3^{2}$$ | $$\sqrt{9}$$ | $$3^{3}$$ | $$\sqrt[3]{27}$$ |
| 4 | $$4^{2}$$ | $$\sqrt{16}$$ | $$4^{3}$$ | $$\sqrt[3]{64}$$ |
| 5 | $$5^{2}$$ | $$\sqrt{25}$$ | $$5^{3}$$ | $$\sqrt[3]{125}$$ |
| 6 | $$6^{2}$$ | $$\sqrt{36}$$ | $$6^{3}$$ | $$\sqrt[3]{216}$$ |
| 7 | $$7^{2}$$ | $$\sqrt{49}$$ | $$7^{3}$$ | $$\sqrt[3]{343}$$ |
| 8 | $$8^{2}$$ | $$\sqrt{64}$$ | $$8^{3}$$ | $$\sqrt[3]{512}$$ |
| 9 | $$9^{2}$$ | $$\sqrt{81}$$ | $$9^{3}$$ | $$\sqrt[3]{729}$$ |
| 10 | $$10^{2}$$ | $$\sqrt{100}$$ | $$10^{3}$$ | $$\sqrt[3]{1000}$$ |
| 11 | $$11^{2}$$ | $$\sqrt{121}$$ | $$11^{3}$$ | $$\sqrt[3]{1331}$$ |
| 12 | $$12^{2}$$ | $$\sqrt{144}$$ | $$12^{3}$$ | $$\sqrt[3]{1728}$$ |

Square and Cube Root Chart

Parts of a Radical

\*

$\sqrt{}$

}

\*If the \_\_\_\_\_\_\_\_ is not written, it is automatically a \_\_\_.