

Perfect Squares: 1-50

A perfect square is a whole number multiplied by itself.

1^2	1	2^2	4	3^2	9	4^2	16	5^2	25
6^2	36	7^2	49	8^2	64	9^2	81	10^2	100
11^2	121	12^2	144	13^2	169	14^2	196	15^2	225
16^2	256	17^2	289	18^2	324	19^2	361	20^2	400
21^2	441	22^2	484	23^2	529	24^2	576	25^2	625
26^2	676	27^2	729	28^2	784	29^2	841	30^2	900
31^2	961	32^2	1,024	33^2	1,089	34^2	1,156	35^2	1,225
36^2	1,296	37^2	1,369	38^2	1,444	39^2	1,521	40^2	1,600
41^2	1,681	42^2	1,764	43^2	1,849	44^2	1,936	45^2	2,025
46^2	2,116	47^2	2,209	48^2	2,304	49^2	2,401	50^2	2,500

Perfect Cubes: 1-50

A perfect cube uses the same whole number as a factor three times.

1^3	1	2^3	8	3^3	27	4^3	64	5^3	125
6^3	216	7^3	343	8^3	512	9^3	729	10^3	1,000
11^3	1,331	12^3	1,728	13^3	2,197	14^3	2,744	15^3	3,375
16^3	4,096	17^3	4,913	18^3	5,832	19^3	6,859	20^3	8,000
21^3	9,261	22^3	10,648	23^3	12,167	24^3	13,824	25^3	15,625
26^3	17,576	27^3	19,683	28^3	21,952	29^3	24,389	30^3	27,000
31^3	29,791	32^3	32,768	33^3	35,937	34^3	39,304	35^3	42,875
36^3	46,656	37^3	50,653	38^3	54,872	39^3	59,319	40^3	64,000
41^3	68,921	42^3	74,088	43^3	79,507	44^3	85,184	45^3	91,125
46^3	97,336	47^3	103,823	48^3	110,592	49^3	117,649	50^3	125,000

Perfect Square Roots: 1-50

Square roots reverse the squaring operation.

$\sqrt{1}$	1	$\sqrt{4}$	2	$\sqrt{9}$	3	$\sqrt{16}$	4	$\sqrt{25}$	5
$\sqrt{36}$	6	$\sqrt{49}$	7	$\sqrt{64}$	8	$\sqrt{81}$	9	$\sqrt{100}$	10
$\sqrt{121}$	11	$\sqrt{144}$	12	$\sqrt{169}$	13	$\sqrt{196}$	14	$\sqrt{225}$	15
$\sqrt{256}$	16	$\sqrt{289}$	17	$\sqrt{324}$	18	$\sqrt{361}$	19	$\sqrt{400}$	20
$\sqrt{441}$	21	$\sqrt{484}$	22	$\sqrt{529}$	23	$\sqrt{576}$	24	$\sqrt{625}$	25
$\sqrt{676}$	26	$\sqrt{729}$	27	$\sqrt{784}$	28	$\sqrt{841}$	29	$\sqrt{900}$	30
$\sqrt{961}$	31	$\sqrt{1,024}$	32	$\sqrt{1,089}$	33	$\sqrt{1,156}$	34	$\sqrt{1,225}$	35
$\sqrt{1,296}$	36	$\sqrt{1,369}$	37	$\sqrt{1,444}$	38	$\sqrt{1,521}$	39	$\sqrt{1,600}$	40
$\sqrt{1,681}$	41	$\sqrt{1,764}$	42	$\sqrt{1,849}$	43	$\sqrt{1,936}$	44	$\sqrt{2,025}$	45
$\sqrt{2,116}$	46	$\sqrt{2,209}$	47	$\sqrt{2,304}$	48	$\sqrt{2,401}$	49	$\sqrt{2,500}$	50

Perfect Cube Roots: 1-50

Cube roots reverse the cubing operation.

$\sqrt[3]{1}$	1	$\sqrt[3]{8}$	2	$\sqrt[3]{27}$	3	$\sqrt[3]{64}$	4	$\sqrt[3]{125}$	5
$\sqrt[3]{216}$	6	$\sqrt[3]{343}$	7	$\sqrt[3]{512}$	8	$\sqrt[3]{729}$	9	$\sqrt[3]{1,000}$	10
$\sqrt[3]{1,331}$	11	$\sqrt[3]{1,728}$	12	$\sqrt[3]{2,197}$	13	$\sqrt[3]{2,744}$	14	$\sqrt[3]{3,375}$	15
$\sqrt[3]{4,096}$	16	$\sqrt[3]{4,913}$	17	$\sqrt[3]{5,832}$	18	$\sqrt[3]{6,859}$	19	$\sqrt[3]{8,000}$	20
$\sqrt[3]{9,261}$	21	$\sqrt[3]{10,648}$	22	$\sqrt[3]{12,167}$	23	$\sqrt[3]{13,824}$	24	$\sqrt[3]{15,625}$	25
$\sqrt[3]{17,576}$	26	$\sqrt[3]{19,683}$	27	$\sqrt[3]{21,952}$	28	$\sqrt[3]{24,389}$	29	$\sqrt[3]{27,000}$	30
$\sqrt[3]{29,791}$	31	$\sqrt[3]{32,768}$	32	$\sqrt[3]{35,937}$	33	$\sqrt[3]{39,304}$	34	$\sqrt[3]{42,875}$	35
$\sqrt[3]{46,656}$	36	$\sqrt[3]{50,653}$	37	$\sqrt[3]{54,872}$	38	$\sqrt[3]{59,319}$	39	$\sqrt[3]{64,000}$	40
$\sqrt[3]{68,921}$	41	$\sqrt[3]{74,088}$	42	$\sqrt[3]{79,507}$	43	$\sqrt[3]{85,184}$	44	$\sqrt[3]{91,125}$	45
$\sqrt[3]{97,336}$	46	$\sqrt[3]{103,823}$	47	$\sqrt[3]{110,592}$	48	$\sqrt[3]{117,649}$	49	$\sqrt[3]{125,000}$	50