

## Answer Key – Square Roots Go Rational

RATIONAL ROOT	NATURAL NUMBER	CALCULATOR SQUARE ROOT
1	1	1.000
$1\frac{1}{3}$	2	[1.414]
$1\frac{2}{3}$	3	[1.732]
2	4	2.000
$2\frac{1}{5}$	5	[2.236]
$2\frac{2}{5}$	6	[2.449]
$2\frac{3}{5}$	7	[2.646]
$2\frac{4}{5}$	8	[2.828]
3	9	3.000
$3\frac{1}{7}$	10	[3.162]
$3\frac{2}{7}$	11	[3.317]
$3\frac{3}{7}$	12	[3.464]
$3\frac{4}{7}$	13	[3.606]
$3\frac{5}{7}$	14	[3.742]
$3\frac{6}{7}$	15	[3.873]
4	16	4.000
$4\frac{1}{9}$	17	[4.123]
$4\frac{2}{9}$	18	[4.243]
$4\frac{3}{9}$	19	[4.359]
$4\frac{4}{9}$	20	[4.472]
$4\frac{5}{9}$	21	[4.583]
$4\frac{6}{9}$	22	[4.690]
$4\frac{7}{9}$	23	[4.796]
$4\frac{8}{9}$	24	[4.899]

RATIONAL ROOT	NATURAL NUMBER	CALCULATOR SQUARE ROOT
5	25	5.000
$5\frac{1}{11}$	26	[5.099]
$5\frac{2}{11}$	27	[5.196]
$5\frac{3}{11}$	28	[5.292]
$5\frac{4}{11}$	29	[5.385]
$5\frac{5}{11}$	30	[5.477]
$5\frac{6}{11}$	31	[5.568]
$5\frac{7}{11}$	32	[5.657]
$5\frac{8}{11}$	33	[5.745]
$5\frac{9}{11}$	34	[5.831]
$5\frac{10}{11}$	35	[5.916]
6	36	6.000
$6\frac{1}{13}$	37	[6.083]
$6\frac{2}{13}$	38	[6.164]
$6\frac{3}{13}$	39	[6.245]
$6\frac{4}{13}$	40	[6.325]