

Number:  $\xi = [[0], [1]] = -\frac{1}{2} + \frac{1}{2}\sqrt{5} \approx 0.6180339887$ . Equation:  $x^2 + x - 1 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.6180339887	0.6180339887
1	$x - 1$	$-x$	0.3819660113	0.5401815135
2	$2x - 1$	$-x$ [1, 1, 1]	0.4721359550	0.5278640450
3	$3x - 2$	$-x$ [1, 1, 1]	0.4376941013	0.5260428417
4	$5x - 3$	$-x$ [1, 1, 1]	0.4508497187	0.5257766044
5	$8x - 5$	$-x$ [1, 1, 1]	0.4458247200	0.5257377496
6	$13x - 8$	$-x$ [1, 1, 1]	0.4477440987	0.5257320805
7	$21x - 13$	$-x$ [1, 1, 1]	0.4470109613	0.5257312534
8	$34x - 21$	$-x$ [1, 1, 1]	0.4472909949	0.5257311327
9	$55x - 34$	$-x$ [1, 1, 1]	0.4471840316	0.5257311151
10	$89x - 55$	$-x$ [1, 1, 1]	0.4472248879	0.5257311126
11	$144x - 89$	$-x$ [1, 1, 1]	0.4472092822	0.5257311122
12	$233x - 144$	$-x$ [1, 1, 1]	0.4472152430	0.5257311121
13	$377x - 233$	$-x$ [1, 1, 1]	0.4472129662	0.5257311121
14	$610x - 377$	$-x$ [1, 1, 1]	0.4472138359	0.5257311121
15	$987x - 610$	$-x$ [1, 1, 1]	0.4472135037	0.5257311121
16	$1597x - 987$	$-x$ [1, 1, 1]	0.4472136306	0.5257311121
17	$2584x - 1597$	$-x$ [1, 1, 1]	0.4472135821	0.5257311121
18	$4181x - 2584$	$-x$ [1, 1, 1]	0.4472136006	0.5257311121
19	$6765x - 4181$	$-x$ [1, 1, 1]	0.4472135935	0.5257311121
20	$10946x - 6765$	$-x$ [1, 1, 1]	0.4472135962	0.5257311121
21	$17711x - 10946$	$-x$ [1, 1, 1]	0.4472135952	0.5257311121
22	$28657x - 17711$	$-x$ [1, 1, 1]	0.4472135956	0.5257311121
23	$46368x - 28657$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
24	$75025x - 46368$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
25	$121393x - 75025$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
26	$196418x - 121393$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
27	$317811x - 196418$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
28	$514229x - 317811$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
29	$832040x - 514229$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121
30	$1346269x - 832040$	$-x$ [1, 1, 1]	0.4472135955	0.5257311121

Number:  $\xi = [[0], [2]] = -1 + \sqrt{2} \approx 0.414213562$ . Equation:  $x^2 + 2x - 1 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.4142135624	0.4142135624
1	$2x - 1$	$-x$	0.3431457505	0.3836486122
2	$5x - 2$	$-x$ [1, 2, 1]	0.3553390593	0.3827118794
3	$12x - 5$	$-x$ [1, 2, 1]	0.3532470183	0.3826842698
4	$29x - 12$	$-x$ [1, 2, 1]	0.3536059558	0.3826834570
5	$70x - 29$	$-x$ [1, 2, 1]	0.3535443718	0.3826834331
6	$169x - 70$	$-x$ [1, 2, 1]	0.3535549380	0.3826834324
7	$408x - 169$	$-x$ [1, 2, 1]	0.3535531251	0.3826834324
8	$985x - 408$	$-x$ [1, 2, 1]	0.3535534361	0.3826834324
9	$2378x - 985$	$-x$ [1, 2, 1]	0.3535533828	0.3826834324
10	$5741x - 2378$	$-x$ [1, 2, 1]	0.3535533919	0.3826834324
11	$13860x - 5741$	$-x$ [1, 2, 1]	0.3535533904	0.3826834324
12	$33461x - 13860$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
13	$80782x - 33461$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
14	$195025x - 80782$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
15	$470832x - 195025$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
16	$1136689x - 470832$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
17	$2744210x - 1136689$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
18	$6625109x - 2744210$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
19	$15994428x - 6625109$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
20	$38613965x - 15994428$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
21	$93222358x - 38613965$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
22	$225058681x - 93222358$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
23	$543339720x - 225058681$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
24	$1311738121x - 543339720$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
25	$3166815962x - 1311738121$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
26	$7645370045x - 3166815962$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
27	$18457556052x - 7645370045$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
28	$44560482149x - 18457556052$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
29	$107578520350x - 44560482149$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324
30	$259717522849x - 107578520350$	$-x$ [1, 2, 1]	0.3535533906	0.3826834324

Number:  $\xi = [[0], [5]] = -\frac{5}{2} + \frac{1}{2}\sqrt{29} \approx 0.1925824049$ . Equation:  $x^2 + 5x - 1 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.1925824036	0.1925824036
1	$5x - 1$	$-x$	0.1854399108	0.1891123448
2	$26x - 5$	$-x$ [1, 5, 1]	0.1857048115	0.1891075278
3	$135x - 26$	$-x$ [1, 5, 1]	0.1856949868	0.1891075212
4	$701x - 135$	$-x$ [1, 5, 1]	0.1856953512	0.1891075212
5	$3640x - 701$	$-x$ [1, 5, 1]	0.1856953377	0.1891075212
6	$18901x - 3640$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
7	$98145x - 18901$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
8	$509626x - 98145$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
9	$2646275x - 509626$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
10	$13741001x - 2646275$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
11	$71351280x - 13741001$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
12	$370497401x - 71351280$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
13	$1923838285x - 370497401$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
14	$9989688826x - 1923838285$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
15	$51872282415x - 9989688826$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
16	$269351100901x - 51872282415$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
17	$1398627786920x - 269351100901$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
18	$7262490035501x - 1398627786920$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
19	$37711077964425x - 7262490035501$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
20	$195817879857626x - 37711077964425$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
21	$1016800477252555x - 195817879857626$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
22	$5279820266120401x - 1016800477252555$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
23	$27415901807854560x - 5279820266120401$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
24	$142359329305393201x - 27415901807854560$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
25	$739212548334820565x - 142359329305393201$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
26	$3838422070979496026x - 739212548334820565$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
27	$19931322903232300695x - 3838422070979496026$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
28	$103495036587140999501x - 19931322903232300695$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
29	$537406505838937298200x - 103495036587140999501$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212
30	$2790527565781827490501x - 537406505838937298200$	$-x$ [1, 5, 1]	0.1856953382	0.1891075212

Number:  $\xi = [[0], [1, 2]] = -1 + \sqrt{3} \approx 0.732050808$ . Equation:  $x^2 + 2x - 2 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.7320508076	0.7320508076
1	$x - 1$	$-\frac{1}{2}x$	0.2679491924	0.3789373820
2	$3x - 2$	$-x$ [1, 2, 1]	0.5884572681	0.7072376179
3	$4x - 3$	$-\frac{1}{2}x$ [1, 1, 1]	0.2871870789	0.3589838486
4	$11x - 8$	$-x$ [1, 2, 1]	0.5781477158	0.7148781006
5	$15x - 11$	$-\frac{1}{2}x$ [1, 1, 1]	0.2885682970	0.3578453736
6	$41x - 30$	$-x$ [1, 2, 1]	0.5774075233	0.7154719035
7	$56x - 41$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886674640	0.3577652319
8	$153x - 112$	$-x$ [1, 2, 1]	0.5773543798	0.7155147670
9	$209x - 153$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886745839	0.3577594863
10	$571x - 418$	$-x$ [1, 2, 1]	0.5773505643	0.7155178457
11	$780x - 571$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886750951	0.3577590738
12	$2131x - 1560$	$-x$ [1, 2, 1]	0.5773502904	0.7155180667
13	$2911x - 2131$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751318	0.3577590442
14	$7953x - 5822$	$-x$ [1, 2, 1]	0.5773502707	0.7155180826
15	$10864x - 7953$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751344	0.3577590421
16	$29681x - 21728$	$-x$ [1, 2, 1]	0.5773502693	0.7155180837
17	$40545x - 29681$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
18	$110771x - 81090$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
19	$151316x - 110771$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
20	$413403x - 302632$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
21	$564719x - 413403$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
22	$1542841x - 1129438$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
23	$2107560x - 1542841$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
24	$5757961x - 4215120$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
25	$7865521x - 5757961$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
26	$21489003x - 15731042$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
27	$29354524x - 21489003$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
28	$80198051x - 58709048$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838
29	$109552575x - 80198051$	$-\frac{1}{2}x$ [1, 1, 1]	0.2886751346	0.3577590419
30	$299303201x - 219105150$	$-x$ [1, 2, 1]	0.5773502692	0.7155180838

Number:  $\xi = [[0], [1, 5]] = -\frac{5}{2} + \frac{3}{2}\sqrt{5} \approx 0.854101966$ . Equation:  $x^2 + 5x - 5 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.8541019662	0.8541019662
1	$x - 1$	$-\frac{1}{5}x$	0.1458980338	0.2063309781
2	$6x - 5$	$-x$ [1, 5, 1]	0.7476707850	0.9732492510
3	$7x - 6$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490036538	0.1962494015
4	$41x - 35$	$-x$ [1, 5, 1]	0.7454052657	0.9800684407
5	$48x - 41$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490697607	0.1960480288
6	$281x - 240$	$-x$ [1, 5, 1]	0.7453570413	0.9802150874
7	$329x - 281$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711679	0.1960437486
8	$1926x - 1645$	$-x$ [1, 5, 1]	0.7453560148	0.9802182096
9	$2255x - 1926$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711978	0.1960436575
10	$13201x - 11275$	$-x$ [1, 5, 1]	0.7453559930	0.9802182760
11	$15456x - 13201$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
12	$90481x - 77280$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
13	$105937x - 90481$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
14	$620166x - 529685$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
15	$726103x - 620166$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
16	$4250681x - 3630515$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
17	$4976784x - 4250681$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
18	$29134601x - 24883920$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
19	$34111385x - 29134601$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
20	$199691526x - 170556925$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
21	$233802911x - 199691526$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
22	$1368706081x - 1169014555$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
23	$1602508992x - 1368706081$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
24	$9381251041x - 8012544960$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
25	$10983760033x - 9381251041$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
26	$64300051206x - 54918800165$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
27	$75283811239x - 64300051206$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
28	$440719107401x - 376419056195$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775
29	$516002918640x - 440719107401$	$-\frac{1}{5}x$ [1, 1, 1]	0.1490711985	0.1960436555
30	$3020733700601x - 2580014593200$	$-x$ [1, 5, 1]	0.7453559925	0.9802182775

Number:  $\xi = [[0], [5, 1]] = -\frac{1}{2} + \frac{3}{10} \sqrt{5} \approx 0.1708203931$ . Equation:  $5x^2 + 5x - 1 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.1708203932	0.1708203932
1	$5x - 1$	$-5x$	0.7294901688	0.7439369211
2	$6x - 1$	$-x$ [1, 1, 1]	0.1495341570	0.1515967945
3	$35x - 6$	$-5x$ [1, 5, 1]	0.7450182688	0.7558862081
4	$41x - 7$	$-x$ [1, 1, 1]	0.1490810531	0.1512382512
5	$240x - 41$	$-5x$ [1, 5, 1]	0.7453488036	0.7561467285
6	$281x - 48$	$-x$ [1, 1, 1]	0.1490714083	0.1512306449
7	$1645x - 281$	$-5x$ [1, 5, 1]	0.7453558395	0.7561522768
8	$1926x - 329$	$-x$ [1, 1, 1]	0.1490712030	0.1512304830
9	$11275x - 1926$	$-5x$ [1, 5, 1]	0.7453559892	0.7561523949
10	$13201x - 2255$	$-x$ [1, 1, 1]	0.1490711986	0.1512304796
11	$77280x - 13201$	$-5x$ [1, 5, 1]	0.7453559924	0.7561523974
12	$90481x - 15456$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
13	$529685x - 90481$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
14	$620166x - 105937$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
15	$3630515x - 620166$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
16	$4250681x - 726103$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
17	$24883920x - 4250681$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
18	$29134601x - 4976784$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
19	$170556925x - 29134601$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
20	$199691526x - 34111385$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
21	$1169014555x - 199691526$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
22	$1368706081x - 233802911$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
23	$8012544960x - 1368706081$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
24	$9381251041x - 1602508992$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
25	$54918800165x - 9381251041$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
26	$64300051206x - 10983760033$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
27	$376419056195x - 64300051206$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
28	$440719107401x - 75283811239$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795
29	$2580014593200x - 440719107401$	$-5x$ [1, 5, 1]	0.7453559925	0.7561523975
30	$3020733700601x - 516002918640$	$-x$ [1, 1, 1]	0.1490711985	0.1512304795

Number:  $\xi = [[0], [7, 3]] = -\frac{3}{2} + \frac{5}{14} \sqrt{21} \approx 0.136634177$ . Equation:  $7x^2 + 21x - 3 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.1366341768	0.1366341768
1	$7x - 1$	$-\frac{7}{3}x$	0.3049253383	0.3080211064
2	$22x - 3$	$-x$ [1, 3, 1]	0.1309415567	0.1321533809
3	$161x - 22$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055039463	0.3083429581
4	$505x - 69$	$-x$ [1, 3, 1]	0.1309307547	0.1321472606
5	$3696x - 505$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050442	0.3083435796
6	$11593x - 1584$	$-x$ [1, 3, 1]	0.1309307342	0.1321472489
7	$84847x - 11593$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
8	$266134x - 36363$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
9	$1947785x - 266134$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
10	$6109489x - 834765$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
11	$44714208x - 6109489$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
12	$140252113x - 19163232$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
13	$1026478999x - 140252113$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
14	$3219689110x - 439919571$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
15	$23564302769x - 3219689110$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
16	$73912597417x - 10098986901$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
17	$540952484688x - 73912597417$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
18	$1696770051481x - 231836779152$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
19	$12418342845055x - 1696770051481$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
20	$38951798586646x - 5322146933595$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
21	$285080932951577x - 38951798586646$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
22	$894194597441377x - 122177542693533$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
23	$6544443115041216x - 894194597441377$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
24	$20527523942565025x - 2804761335017664$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
25	$150237110712996391x - 20527523942565025$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
26	$471238856081554198x - 64387333162712739$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
27	$3448909103283875777x - 471238856081554198$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
28	$10817966165933181529x - 1478103901407375333$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489
29	$79174672264816146480x - 10817966165933181529$	$-\frac{7}{3}x$ [1, 7, 1]	0.3055050463	0.3083435808
30	$248341982960381620969x - 33932002399206919920$	$-x$ [1, 3, 1]	0.1309307341	0.1321472489

Number:  $\xi = [[0], [2, 5]] = -\frac{5}{2} + \frac{1}{2}\sqrt{35} \approx 0.458039892$ . Equation:  $2x^2 + 10x - 5 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.4580398915	0.4580398915
1	$2x - 1$	$-\frac{2}{5}x$	0.1678404338	0.1876513097
2	$11x - 5$	$-x$ [1, 5, 1]	0.4228268775	0.4644578727
3	$24x - 11$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690224673	0.1859300493
4	$131x - 60$	$-x$ [1, 5, 1]	0.4225788863	0.4647941280
5	$286x - 131$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690307919	0.1859186911
6	$1561x - 715$	$-x$ [1, 5, 1]	0.4225771398	0.4647965097
7	$3408x - 1561$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308505	0.1859186112
8	$18601x - 8520$	$-x$ [1, 5, 1]	0.4225771275	0.4647965265
9	$40610x - 18601$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
10	$221651x - 101525$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
11	$483912x - 221651$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
12	$2641211x - 1209780$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
13	$5766334x - 2641211$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
14	$31472881x - 14415835$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
15	$68712096x - 31472881$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
16	$375033361x - 171780240$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
17	$818778818x - 375033361$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
18	$4468927451x - 2046947045$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
19	$9756633720x - 4468927451$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
20	$53252096051x - 24391584300$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
21	$116260825822x - 53252096051$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
22	$634556225161x - 290652064555$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
23	$1385373276144x - 634556225161$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
24	$7561422605881x - 3463433190360$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
25	$16508218487906x - 7561422605881$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
26	$90102515045411x - 41270546219765$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
27	$196713248578728x - 90102515045411$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
28	$1073668757939051x - 491783121446820$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266
29	$2344050764456830x - 1073668757939051$	$-\frac{2}{5}x$ [1, 2, 1]	0.1690308509	0.1859186106
30	$12793922580223201x - 5860126911142075$	$-x$ [1, 5, 1]	0.4225771274	0.4647965266



Number:  $\xi = [[0], [2, 4]] = -2 + \sqrt{6} \approx 0.449489743$ . Equation:  $x^2 + 4x - 2 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.4494897428	0.4494897428
1	$2x - 1$	$-\frac{1}{2}x$	0.2020410289	0.2258887374
2	$9x - 4$	$-x$ [1, 4, 1]	0.4086691654	0.4472138332
3	$20x - 9$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041028867	0.2238162885
4	$89x - 40$	$-x$ [1, 4, 1]	0.4082525856	0.4475898401
5	$198x - 89$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041239283	0.2237970765
6	$881x - 396$	$-x$ [1, 4, 1]	0.4082483343	0.4475937172
7	$1960x - 881$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241430	0.2237968806
8	$8721x - 3920$	$-x$ [1, 4, 1]	0.4082482909	0.4475937568
9	$19402x - 8721$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
10	$86329x - 38804$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
11	$192060x - 86329$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
12	$854569x - 384120$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
13	$1901198x - 854569$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
14	$8459361x - 3802396$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
15	$18819920x - 8459361$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
16	$83739041x - 37639840$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
17	$186298002x - 83739041$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
18	$828931049x - 372596004$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
19	$1844160100x - 828931049$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
20	$8205571449x - 3688320200$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
21	$18255302998x - 8205571449$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
22	$81226783441x - 36510605996$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
23	$180708869880x - 81226783441$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
24	$804062262961x - 361417739760$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
25	$1788833395802x - 804062262961$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
26	$7959395846169x - 3577666791604$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
27	$17707625088140x - 7959395846169$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
28	$78789896198729x - 35415250176280$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572
29	$175287417485598x - 78789896198729$	$-\frac{1}{2}x$ [1, 2, 1]	0.2041241452	0.2237968786
30	$779939566141121x - 350574834971196$	$-x$ [1, 4, 1]	0.4082482905	0.4475937572

Number:  $\xi = [[0], [1, 2, 3]] = -\frac{4}{3} + \frac{1}{3}\sqrt{37} \approx 0.694254177$ . Equation:  $3x^2 + 8x - 7 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.6942541768	0.6942541768
1	$x - 1$	$-\frac{3}{7}x - \frac{1}{7}$	0.3057458232	0.4323898899
2	$3x - 2$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2482875909	0.2984045467
3	$10x - 7$	$-x$	[1, 3, 1] 0.5745823234	0.7013671086
4	$13x - 9$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3289558735	0.4000960807
5	$36x - 25$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465869112	0.3002141805
6	$121x - 84$	$-x$	[1, 3, 1] 0.5754020321	0.7004640736
7	$157x - 109$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287968931	0.4002698595
8	$435x - 302$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465985602	0.3002014194
9	$1462x - 1015$	$-x$	[1, 3, 1] 0.5753964174	0.7004702229
10	$1897x - 1317$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979820	0.4002686668
11	$5256x - 3649$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984804	0.3002015068
12	$17665x - 12264$	$-x$	[1, 3, 1] 0.5753964558	0.7004701808
13	$22921x - 15913$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686750
14	$63507x - 44090$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
15	$213442x - 148183$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811
16	$276949x - 192273$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686749
17	$767340x - 532729$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
18	$2578969x - 1790460$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811
19	$3346309x - 2323189$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686749
20	$9271587x - 6436838$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
21	$31161070x - 21633703$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811
22	$40432657x - 28070541$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686749
23	$112026384x - 77774785$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
24	$376511809x - 261394896$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811
25	$488538193x - 339169681$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686749
26	$1353588195x - 939734258$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
27	$4549302778x - 3158372455$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811
28	$5902890973x - 4098106713$	$-\frac{3}{7}x - \frac{1}{7}$	[1, 1, 1] 0.3287979746	0.4002686749
29	$16355084724x - 11354585881$	$-\frac{3}{4}x + \frac{1}{4}$	[1, 2, 1] 0.2465984810	0.3002015062
30	$54968145145x - 38161864356$	$-x$	[1, 3, 1] 0.5753964556	0.7004701811

Number:  $\xi = [[0], [2, 4, 5]] = -\frac{43}{18} + \frac{1}{18} \sqrt{2605} \approx 0.446622257$ . Equation:  $9x^2 + 43x - 21 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.4466222567	0.4466222567
1	$2x - 1$	$-\frac{3}{7}x - \frac{1}{21}$	0.2135109732	0.2387125250
2	$9x - 4$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1764027931	0.1930406695
3	$47x - 21$	$-x$	[1, 5, 1] 0.4114349375	0.4506363770
4	$103x - 46$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155213889	0.2360380662
5	$459x - 205$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350241	0.1931228548
6	$2398x - 1071$	$-x$	[1, 5, 1] 0.4114484555	0.4506199144
7	$5255x - 2347$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206165	0.2360390064
8	$23418x - 10459$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
9	$122345x - 54642$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
10	$268108x - 119743$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
11	$1194777x - 533614$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
12	$6241993x - 2787813$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
13	$13678763x - 6109240$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
14	$60957045x - 27224773$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
15	$318463988x - 142233105$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
16	$697885021x - 311690983$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
17	$3110004072x - 1388997037$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
18	$16247905381x - 7256676168$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
19	$35605814834x - 15902349373$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
20	$158671164717x - 70866073660$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
21	$828961638419x - 370232717673$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
22	$1816594441555x - 811331509006$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
23	$8095339404639x - 3615558753697$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
24	$42293291464750x - 18889125277491$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
25	$92681922334139x - 41393809308679$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
26	$413020980801306x - 184464362512207$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
27	$2157786826340669x - 963715621869714$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207
28	$4728594633482644x - 2111895606251635$	$-\frac{3}{7}x - \frac{1}{21}$	[1, 2, 1] 0.2155206168	0.2360390061
29	$21072165360271245x - 9411298046876254$	$-\frac{9}{11}x + \frac{2}{11}$	[1, 4, 1] 0.1763350501	0.1931228231
30	$110089421434838869x - 49168385840632905$	$-x$	[1, 5, 1] 0.4114484503	0.4506199207

Number:  $\xi = [[0], [1, 1, 2]] = -1 + \frac{1}{2}\sqrt{10} \approx 0.581138830$ . Equation:  $2x^2 + 4x - 3 = 0$ .

-1	-1		1	1	
0	$x$	$-x$	0.5811388301	0.5811388301	
1	$x - 1$	$-\frac{2}{3}x - \frac{1}{3}$	0.4188611699	0.5923591472	
2	$2x - 1$	$-\frac{2}{3}x$	[1, 1, 1]	0.3245553203	0.3628638794
3	$5x - 3$	$-x$	[1, 2, 1]	0.4715292479	0.5498928723
4	$7x - 4$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4758026741	0.5480062566
5	$12x - 7$	$-\frac{2}{3}x$	[1, 1, 1]	0.3160084679	0.3658441617
6	$31x - 18$	$-x$	[1, 2, 1]	0.4744157109	0.5485913213
7	$43x - 25$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743031743	0.5486399438
8	$74x - 43$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162335410	0.3657463712
9	$191x - 111$	$-x$	[1, 2, 1]	0.4743396987	0.5486241442
10	$265x - 154$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743426622	0.5486228631
11	$456x - 265$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162276139	0.3657489331
12	$1177x - 684$	$-x$	[1, 2, 1]	0.4743417004	0.5486232789
13	$1633x - 949$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416223	0.5486233126
14	$2810x - 1633$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277700	0.3657488656
15	$7253x - 4215$	$-x$	[1, 2, 1]	0.4743416477	0.5486233016
16	$10063x - 5848$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416497	0.5486233008
17	$17316x - 10063$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277659	0.3657488674
18	$44695x - 25974$	$-x$	[1, 2, 1]	0.4743416491	0.5486233010
19	$62011x - 36037$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416490	0.5486233011
20	$106706x - 62011$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277660	0.3657488674
21	$275423x - 160059$	$-x$	[1, 2, 1]	0.4743416490	0.5486233011
22	$382129x - 222070$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416490	0.5486233011
23	$657552x - 382129$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277660	0.3657488674
24	$1697233x - 986328$	$-x$	[1, 2, 1]	0.4743416490	0.5486233011
25	$2354785x - 1368457$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416490	0.5486233011
26	$4052018x - 2354785$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277660	0.3657488674
27	$10458821x - 6078027$	$-x$	[1, 2, 1]	0.4743416490	0.5486233011
28	$14510839x - 8432812$	$-\frac{2}{3}x - \frac{1}{3}$	[1, 1, 1]	0.4743416490	0.5486233011
29	$24969660x - 14510839$	$-\frac{2}{3}x$	[1, 1, 1]	0.3162277660	0.3657488674
30	$64450159x - 37454490$	$-x$	[1, 2, 1]	0.4743416490	0.5486233011

Number:  $\xi = [[0], [1, 1, 2, 2]] = -\frac{9}{10} + \frac{1}{10} \sqrt{221} \approx 0.5866068750$ . Equation:  $5x^2 + 9x - 7 = 0$ .

-1	-1			1	1
0	$x$	$-x$		0.5866068747	0.5866068747
1	$x - 1$	$-\frac{5}{7}x - \frac{2}{7}$		0.4133931253	0.5846261643
2	$2x - 1$	$-\frac{5}{7}x$	[1, 1, 1]	0.3464274989	0.3873177184
3	$5x - 3$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3348281317	0.3904733458
4	$12x - 7$	$-x$	[1, 2, 1]	0.4713899614	0.5457298863
5	$17x - 10$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4706132025	0.5459966599
6	$29x - 17$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363816495	0.3899182114
7	$75x - 44$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363296333	0.3899361411
8	$179x - 105$	$-x$	[1, 2, 1]	0.4708732832	0.5459065270
9	$254x - 149$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708697999	0.5459077288
10	$433x - 254$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363365999	0.3899337371
11	$1120x - 657$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363363667	0.3899338176
12	$2673x - 1568$	$-x$	[1, 2, 1]	0.4708709662	0.5459073263
13	$3793x - 2225$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708709506	0.5459073317
14	$6466x - 3793$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363363979	0.3899338068
15	$16725x - 9811$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363363969	0.3899338072
16	$39916x - 23415$	$-x$	[1, 2, 1]	0.4708709558	0.5459073299
17	$56641x - 33226$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708709558	0.5459073300
18	$96557x - 56641$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363363970	0.3899338071
19	$249755x - 146508$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363363970	0.3899338071
20	$596067x - 349657$	$-x$	[1, 2, 1]	0.4708709558	0.5459073299
21	$845822x - 496165$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708709558	0.5459073299
22	$1441889x - 845822$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363363970	0.3899338071
23	$3729600x - 2187809$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363363970	0.3899338071
24	$8901089x - 5221440$	$-x$	[1, 2, 1]	0.4708709558	0.5459073299
25	$12630689x - 7409249$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708709558	0.5459073299
26	$21531778x - 12630689$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363363970	0.3899338071
27	$55694245x - 32670627$	$-x + \frac{1}{5}$	[1, 2, 1]	0.3363363970	0.3899338071
28	$132920268x - 77971943$	$-x$	[1, 2, 1]	0.4708709558	0.5459073299
29	$188614513x - 110642570$	$-\frac{5}{7}x - \frac{2}{7}$	[1, 1, 1]	0.4708709558	0.5459073299
30	$321534781x - 188614513$	$-\frac{5}{7}x$	[1, 1, 1]	0.3363363970	0.3899338071

Number:  $\xi = [[0], [1, 2, 3, 4]] = -\frac{9}{5} + \frac{2}{5}\sqrt{39} \approx 0.697999199$ . Equation:  $5x^2 + 18x - 15 = 0$ .

-1	-1		1	1
0	$x$	$-x$	0.6979991994	0.6979991994
1	$x - 1$	$-\frac{1}{3}x - \frac{1}{5}$	0.3020008006	0.4270936281
2	$3x - 2$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2819927942	0.3389131596
3	$10x - 7$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2000800641	0.2442288430
4	$43x - 30$	$-x$	[1, 4, 1] 0.6005196155	0.7322276293
5	$53x - 37$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202489996	0.3905675253
6	$149x - 104$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802249771	0.3417349355
7	$500x - 349$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601602	0.2440972644
8	$2149x - 1500$	$-x$	[1, 4, 1] 0.6004805924	0.7322916098
9	$2649x - 1849$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563047	0.3905555437
10	$7447x - 5198$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242694	0.3417360961
11	$24990x - 17443$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601922	0.2440972118
12	$107407x - 74970$	$-x$	[1, 4, 1] 0.6004805768	0.7322916354
13	$132397x - 92413$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563076	0.3905555389
14	$372201x - 259796$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242692	0.3417360965
15	$1249000x - 871801$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601923	0.2440972118
16	$5368201x - 3747000$	$-x$	[1, 4, 1] 0.6004805768	0.7322916354
17	$6617201x - 4618801$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563076	0.3905555389
18	$18602603x - 12984602$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242692	0.3417360965
19	$62425010x - 43572607$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601923	0.2440972118
20	$268302643x - 187275030$	$-x$	[1, 4, 1] 0.6004805768	0.7322916354
21	$330727653x - 230847637$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563076	0.3905555389
22	$929757949x - 648970304$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242692	0.3417360965
23	$3120001500x - 2177758549$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601923	0.2440972118
24	$13409763949x - 9360004500$	$-x$	[1, 4, 1] 0.6004805768	0.7322916354
25	$16529765449x - 11537763049$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563076	0.3905555389
26	$46469294847x - 32435530598$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242692	0.3417360965
27	$155937649990x - 108844354843$	$-\frac{5}{7}x + \frac{2}{7}$	[1, 3, 1] 0.2001601923	0.2440972118
28	$670219894807x - 467812949970$	$-x$	[1, 4, 1] 0.6004805768	0.7322916354
29	$826157544797x - 576657304813$	$-\frac{1}{3}x - \frac{1}{5}$	[1, 1, 1] 0.3202563076	0.3905555389
30	$2322534984401x - 1621127559596$	$-\frac{5}{8}x + \frac{1}{8}$	[1, 2, 1] 0.2802242692	0.3417360965

Number:  $\xi = [[0], [1, 2, 3, 3, 9, 2, 9]] = -\frac{5679}{1294} + \frac{1}{1294} \sqrt{43309565} \approx 0.697063604$ . Equation:  $647x^2 + 5679x - 4273 = 0$ .

-1	-1			1	1
0	$x$	$-x$		0.6970636043	0.6970636043
1	$x - 1$	$-\frac{647}{4273}x - \frac{1406}{4273}$		0.3029363957	0.4284167594
2	$3x - 2$	$-\frac{647}{2053}x - \frac{167}{2053}$	[1, 2, 1]	0.2735724383	0.3287931513
3	$10x - 7$	$-\frac{647}{1795}x - \frac{127}{1795}$	[1, 3, 1]	0.2936395746	0.3584327798
4	$33x - 23$	$-\frac{647}{1933}x + \frac{247}{1933}$	[1, 3, 1]	0.1022650330	0.1246529273
5	$307x - 214$	$-\frac{647}{673}x + \frac{131}{673}$	[1, 9, 1]	0.4523626284	0.5514195346
6	$647x - 451$	$-\frac{647}{2977}x + \frac{144}{2977}$	[1, 2, 1]	0.09831332397	0.1198413748
7	$6130x - 4273$	$-x$	[1, 9, 1]	0.6492933894	0.7914717813
8	$6777x - 4724$	$-\frac{647}{4273}x - \frac{1406}{4273}$	[1, 1, 1]	0.3119586547	0.3802694951
9	$19684x - 13721$	$-\frac{647}{2053}x - \frac{167}{2053}$	[1, 2, 1]	0.2727548879	0.3324811230
10	$65829x - 45887$	$-\frac{647}{1795}x - \frac{127}{1795}$	[1, 3, 1]	0.2937243444	0.3580423457
11	$217171x - 151382$	$-\frac{647}{1933}x + \frac{247}{1933}$	[1, 3, 1]	0.1022640889	0.1246572678
12	$2020368x - 1408325$	$-\frac{647}{673}x + \frac{131}{673}$	[1, 9, 1]	0.4523628419	0.5514185532
13	$4257907x - 2968032$	$-\frac{647}{2977}x + \frac{144}{2977}$	[1, 2, 1]	0.09831332170	0.1198413853
14	$40341531x - 28120613$	$-x$	[1, 9, 1]	0.6492933905	0.7914717762
15	$44599438x - 31088645$	$-\frac{647}{4273}x - \frac{1406}{4273}$	[1, 1, 1]	0.3119586545	0.3802694960
16	$129540407x - 90297903$	$-\frac{647}{2053}x - \frac{167}{2053}$	[1, 2, 1]	0.2727548879	0.3324811229
17	$433220659x - 301982354$	$-\frac{647}{1795}x - \frac{127}{1795}$	[1, 3, 1]	0.2937243444	0.3580423457
18	$1429202384x - 996244965$	$-\frac{647}{1933}x + \frac{247}{1933}$	[1, 3, 1]	0.1022640889	0.1246572678
19	$13296042115x - 9268187039$	$-\frac{647}{673}x + \frac{131}{673}$	[1, 9, 1]	0.4523628419	0.5514185532
20	$28021286614x - 19532619043$	$-\frac{647}{2977}x + \frac{144}{2977}$	[1, 2, 1]	0.09831332170	0.1198413853
21	$265487621641x - 185061758426$	$-x$	[1, 9, 1]	0.6492933905	0.7914717762
22	$293508908255x - 204594377469$	$-\frac{647}{4273}x - \frac{1406}{4273}$	[1, 1, 1]	0.3119586545	0.3802694960
23	$852505438151x - 594250513364$	$-\frac{647}{2053}x - \frac{167}{2053}$	[1, 2, 1]	0.2727548879	0.3324811229
24	$2851025222708x - 1987345917561$	$-\frac{647}{1795}x - \frac{127}{1795}$	[1, 3, 1]	0.2937243444	0.3580423457
25	$9405581106275x - 6556288266047$	$-\frac{647}{1933}x + \frac{247}{1933}$	[1, 3, 1]	0.1022640889	0.1246572678
26	$87501255179183x - 60993940311984$	$-\frac{647}{673}x + \frac{131}{673}$	[1, 9, 1]	0.4523628419	0.5514185532
27	$184408091464641x - 128544168890015$	$-\frac{647}{2977}x + \frac{144}{2977}$	[1, 2, 1]	0.09831332170	0.1198413853
28	$1747174078360952x - 1217891460322119$	$-x$	[1, 9, 1]	0.6492933905	0.7914717762
29	$1931582169825593x - 1346435629212134$	$-\frac{647}{4273}x - \frac{1406}{4273}$	[1, 1, 1]	0.3119586545	0.3802694960
30	$5610338418012138x - 3910762718746387$	$-\frac{647}{2053}x - \frac{167}{2053}$	[1, 2, 1]	0.2727548879	0.3324811229