$\texttt{CoefficientList[Series[1/(Log[1-x]),\{x,0,20\}]+1/x,x]}$

$Inverse Series [\ Coefficient List[\ Series[1/(Log[1-x]), \{x, 0, 20\}] + 1/x, \ x], \ \{x, 1, 30\}]$

$$\begin{split} &\operatorname{InverseSeries} \Big[\Big\{ \frac{1}{2} \,,\, \frac{1}{12} \,,\, \frac{1}{24} \,,\, \frac{19}{720} \,,\, \frac{3}{160} \,,\, \frac{863}{60\,480} \,,\, \frac{275}{24\,192} \,,\, \frac{33\,953}{3\,628\,800} \,,\, \frac{8183}{1\,036\,800} \,,\, \frac{3\,250\,433}{479\,001\,600} \,,\\ &\frac{4671}{788\,480} \,,\, \frac{13\,695\,779\,093}{2\,615\,348\,736\,000} \,,\, \frac{2\,224\,234\,463}{475\,517\,952\,000} \,,\, \frac{132\,282\,840\,127}{31\,384\,184\,832\,000} \,,\, \frac{2\,639\,651\,053}{689\,762\,304\,000} \,,\\ &\frac{111\,956\,703\,448\,001}{32\,011\,868\,528\,640\,000} \,,\, \frac{50\,188\,465}{15\,613\,165\,568} \,,\, \frac{2\,334\,028\,946\,344\,463}{7\,86\,014\,494\,949\,376\,000} \,,\, \frac{301\,124\,035\,185\,049}{109\,285\,437\,800\,448\,000} \,,\\ &\frac{12\,365\,722\,323\,469\,980\,029}{4\,817\,145\,976\,189\,747\,200\,000} \,,\, \frac{8\,519\,318\,716\,801\,273\,673}{3\,549\,475\,982\,455\,603\,200\,000} \,\Big\} \,,\, \left\{ \mathbf{x},\, \mathbf{1},\, \mathbf{30} \right\} \Big] \end{split}$$

InverseSeries[Series[xSin[x], {x, 0, 10}]]

$$\sqrt{\mathbf{x}} + \frac{\mathbf{x}^{3/2}}{12} + \frac{29\,\mathbf{x}^{5/2}}{1440} + \frac{263\,\mathbf{x}^{7/2}}{40\,320} + \frac{23\,479\,\mathbf{x}^{9/2}}{9\,676\,800} + O\,[\,\mathbf{x}\,]^{\,5}$$

Series[xSin[x], {x, 0, 10}]

$$x^2 - \frac{x^4}{6} + \frac{x^6}{120} - \frac{x^8}{5040} + \frac{x^{10}}{362880} + \text{O[x]}^{11}$$

Series[$1/(Log[1-x]), \{x, 0, 40\}] + 1/x$

```
1 \times \times^2 19 \times^3 3 \times^4 863 \times^5 275 \times^6 33 953 \times^7 8183 \times^8 3 250 433 \times^9
2 12 24 720 160 60480 24192 3628800 1036800 479001600
 4671 \, x^{10} - 13 \, 695 \, 779 \, 093 \, x^{11} - 2 \, 224 \, 234 \, 463 \, x^{12} - 132 \, 282 \, 840 \, 127 \, x^{13} - 2 \, 639 \, 651 \, 053 \, x^{14}
 111\,956\,703\,448\,001\,x^{15} \quad 50\,188\,465\,x^{16} \quad 2\,334\,028\,946\,344\,463\,x^{17} \quad 301\,124\,035\,185\,049\,x^{18}
 32\,011\,868\,528\,640\,000 \qquad 15\,613\,165\,568 \qquad 786\,014\,494\,949\,376\,000 \qquad 109\,285\,437\,800\,448\,000
 12\,365\,722\,323\,469\,980\,029\,\mathbf{x}^{19} \\ \phantom{1}8\,519\,318\,716\,801\,273\,673\,\mathbf{x}^{20} \\ \phantom{1}1\,232\,577\,428\,602\,510\,264\,423\,\mathbf{x}^{21}
 4\,817\,145\,976\,189\,747\,200\,000 \qquad 3\,549\,475\,982\,455\,603\,200\,000 \qquad 5\,47\,454\,472\,117\,564\,211\,200\,000
 530\,916\,160\,966\,849\,x^{22} \qquad 101\,543\,126\,947\,618\,093\,900\,697\,699\,x^{23} \qquad 439\,498\,633\,365\,840\,119\,748\,791\,x^{24}
 250\,639\,102\,771\,200\,000 \qquad 50\,814\,724\,101\,952\,310\,083\,584\,000\,000 \qquad 232\,561\,666\,370\,491\,121\,664\,000\,000
 64\,252\,172\,543\,850\,268\,483\,123\,097\,x^{25} 928 685 729 779 901 399 375 x^{26}
 35 869 217 013 142 807 117 824 000 000 545 814 099 444 746 491 527 168
 1\,718\,089\,509\,598\,695\,642\,524\,656\,240\,811\,x^{27} \qquad 5\,150\,046\,951\,561\,533\,494\,311\,x^{28}
 1 061 011 439 248 764 234 545 233 920 000 000 3 335 806 532 892 753 920 000 000
 44\,810\,233\,755\,305\,010\,150\,728\,029\,810\,063\,187\,x^{29} 591 196 628 282 358 511 073 053 919 767 459 x^{30}
 41\,879\,192\,008\,416\,382\,946\,708\,306\,724\,524\,546\,989\,x^{31}
 30 999 443 899 158 434 788 999 954 012 569 600 000 000
 2591732418410529996582054516791114419 x^{32}
 1 999 964 122 526 350 631 548 384 129 843 200 000 000
 1645304068233045635570103155501936410743238637x^{35}
 1 427 851 745 683 821 035 104 819 721 793 202 814 976 000 000 000
 13\,801\,609\,725\,699\,893\,914\,072\,918\,474\,893\,017\,x^{36}
 12 427 816 535 459 143 213 689 324 984 625 790 976
 524499877683882012195483088981269289370802701x^{37}
 489 549 169 948 738 640 607 366 761 757 669 536 563 200 000 000
 1\,440\,963\,742\,834\,711\,309\,215\,801\,879\,066\,442\,793\,988\,659\,\mathbf{x}^{38}
 1 392 743 015 501 390 158 200 189 933 876 726 988 800 000 000
 66\ 237\ 865\ 863\ 583\ 761\ 552\ 496\ 336\ 459\ 238\ 862\ 072\ 867\ 316\ 322\ 221\ x^{39}
 66 236 002 694 064 338 074 176 722 865 812 688 297 000 960 000 000 000
 580\,759\,987\,170\,964\,013\,548\,436\,485\,342\,702\,493\,053~x^{40}
 600 312 232 571 648 312 815 546 678 640 640 000 000 000
```

InverseSeries[Series[$x / (Log[1-x]), \{x, 0, 40\}]$]

```
2(x+1) - \frac{2}{3}(x+1)^2 - \frac{2}{9}(x+1)^3 - \frac{14}{135}(x+1)^4 - \frac{22}{405}(x+1)^5 - \frac{82(x+1)^6}{2835}
  86 (x+1)^{7} \quad 622 (x+1)^{8} \quad 1438 (x+1)^{9} \quad 1025 \, 966 (x+1)^{10} \quad 32 \, 909 \, 314 (x+1)^{11}
     \frac{(11.17)}{6075} - \frac{622 (11.17)}{127575} + \frac{1138 (11.17)}{1148175} + \frac{189448875}{189448875} + \frac{32303317 (11.17)}{3978426375}
  1584376606(x+1)^{12} 1068478318(x+1)^{13} 3415445666(x+1)^{14}
                               93 095 177 175 279 285 531 525
  87\,807\,997\,126\,\,(\mathbf{x}+1)^{\,15}\,\,\,\,\,52\,325\,133\,235\,058\,\,(\mathbf{x}+1)^{\,16}\,\,\,\,\,\,153\,840\,284\,803\,882\,\,(\mathbf{x}+1)^{\,17}
                              4 154 372 281 434 375
                                                                 12 463 116 844 303 125
  25\ 287\ 193\ 065\ 300\ 454\ (x+1)^{18} 302\ 824\ 885\ 986\ 829\ 586\ (x+1)^{19}
      2 131 192 980 375 834 375
                                           27 049 757 058 616 359 375
  1561645742653601698(x+1)^{20} 41612173663180114034(x+1)^{21}
     150 705 789 326 576 859 375
                                              4 430 750 206 201 359 665 625
  1154218869205113382574(x+1)^{22} 424780254158782058356082(x+1)<sup>23</sup>
     138 964 438 285 406 280 421 875
                                                59 615 744 024 439 294 300 984 375
  361 099 231 547 794 428 866 (x + 1)^{24} 20 372 893 897 363 197 691 467 706 (x + 1)^{25}
      61 522 955 649 576 155 109 375
                                                 4 471 180 801 832 947 072 573 828 125
  3\,306\,670\,407\,912\,023\,755\,239\,614\,(x+1)^{\,26} 3\,9\,020\,917\,761\,508\,618\,181\,483\,702\,(x+1)^{\,27}
     1 031 810 954 269 141 632 132 421 875
                                                      21 303 861 467 556 983 110 498 828 125
  1\,102\,726\,950\,704\,673\,673\,672\,948\,139\,042\,\left(x+1\right)^{28} \\ \phantom{1}6\,620\,518\,546\,776\,235\,182\,965\,335\,987\,814\,\left(x+1\right)^{29}
     2 426 147 655 509 791 907 572 938 043 359 375
                                                                7 278 442 966 529 375 722 718 814 130 078 125
  690\ 434\ 149\ 588\ 420\ 919\ 995\ 333\ 712\ 837\ 258\ (x+1)^{30}
     307 679 634 494 196 337 369 477 142 771 484 375
  3\,048\,508\,606\,648\,784\,308\,585\,999\,269\,257\,703\,686\,\left(x+1\right)^{\,31}
      863 041 374 756 220 726 321 383 385 474 013 671 875
  535\,666\,528\,447\,849\,434\,700\,257\,194\,370\,456\,638\,\left(x+1\right){}^{32}
     112 570 614 098 637 486 041 919 572 018 349 609 375
  90\,499\,854\,378\,739\,562\,837\,637\,727\,882\,102\,462\,\left(x+1\right)^{\,33}
     15 320 261 090 347 113 484 994 971 339 775 390 625
  502\ 256\ 380\ 640\ 581\ 634\ 572\ 030\ 383\ 384\ 588\ 436\ 574\ (x+1)^{34}
      72 125 600 604 627 017 842 572 754 357 471 142 578 125
  122631760879696672852409099695668663942082(x+1)^{35}
     15 495 907 883 747 943 141 100 438 686 185 915 478 515 625
  4\,106\,267\,278\,074\,567\,858\,854\,198\,185\,965\,460\,656\,073\,174\,382\,\left(\mathbf{x}+1\right)^{36}
      469 572 496 601 213 921 004 766 593 507 491 796 745 458 984 375
  731739236841034306503644175410042218591565617882(x+1)^{37}
      77 479 461 939 200 296 965 786 487 928 736 146 463 000 732 421 875
  2\,324\,825\,776\,657\,911\,423\,126\,209\,944\,765\,201\,017\,243\,205\,108\,022\,\left(x+1\right)^{\,38}
      232 438 385 817 600 890 897 359 463 786 208 439 389 002 197 265 625
  2\,103\,088\,697\,605\,403\,472\,174\,506\,697\,144\,804\,618\,029\,188\,994\,(x+1)^{\,39}
      202 061 766 865 489 038 740 098 056 029 737 849 367 431 640 625
  (913895514850592514731625404812025955252090170336978(x+1)^{40})
   85\,769\,764\,366\,694\,728\,741\,125\,642\,137\,110\,914\,134\,541\,810\,791\,015\,625\,+\,O\left[\,x\,+\,1\,\right]^{\,41}
```

```
0.5 + 0.0833333 (x + 0.) + 0.0416667 (x + 0.)^{2} + 0.0263889 (x + 0.)^{3} + 0.01875 (x + 0.)^{4} + 0.01875 (x + 0.)^{4}
           0.0142692 (x + 0.)^{5} + 0.0113674 (x + 0.)^{6} + 0.00935654 (x + 0.)^{7} + 0.00789255 (x + 0.)^{8} +
             0.00678585\;\left(x+0.\right){}^{9}+0.00592406\;\left(x+0.\right){}^{10}+0.00523669\;\left(x+0.\right){}^{11}+0.0046775\;\left(x+0.\right){}^{12}+\\
             0.00421495 (x + 0.)^{13} + 0.0038269 (x + 0.)^{14} + 0.00349735 (x + 0.)^{15} + 0.0032145 (x + 0.)^{16} +
             0.00296945\;(x+0.)^{17}+0.00275539\;(x+0.)^{18}+0.00256702\;(x+0.)^{19}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{20}+0.00240016\;(x+0.)^{2
             0.00225147 \; (x+0.)^{\,21} + 0.00211825 \; (x+0.)^{\,22} + 0.0019983 \; (x+0.)^{\,23} + 0.00188982 \; (x+0.)^{\,24} + 0
             0.00179129 \ (x+0.)^{25} + 0.00170147 \ (x+0.)^{26} + 0.00161929 \ (x+0.)^{27} + 0.00154387 \ (x+0.)^{28} + 0.00161929 \ (x+0.)^{27} + 0.00154387 \ (x+0.)^{28} + 0.00161929 \ (x+0.)
             0.00147443(x+0.)^{29} + 0.00141032(x+0.)^{30} + 0.00135097(x+0.)^{31} + 0.00129589(x+0.)^{32} + 0.00147443(x+0.)^{31} + 0.00129589(x+0.)^{32} + 0.00147443(x+0.)^{31} + 0.00147443(x+0.)^{32} + 0.00147444(x+0.)^{32} + 0.0014444(x+0.)^{32} + 0.0014444(x+0.)^{32} + 0.0014444(x+0.)^{32} + 0.0014444(x+0.)^{32} + 0.001444(x+0.)^{32} + 0.001444(x+0.)^{32} + 0.001444(x+0.)^{32} + 0.00144(x+0.)^{32} + 0.00144(x+0.)^{32} + 0.00144(x+0.)^{32} + 0.00144(x+0.)^{32} + 0.0014(x+0.)^{32} + 0.0014
             0.00124466 (x + 0.)^{33} + 0.0011969 (x + 0.)^{34} + 0.00115229 (x + 0.)^{35} + 0.00111054 (x + 0.)^{36} + 0.0011054 (x + 0.)^{36} + 0.001005 (x +
             0.000936667 (x + 0.)^{41} + 0.000907596 (x + 0.)^{42} + 0.000880086 (x + 0.)^{43} +
             0.00085402 (x + 0.)^{44} + 0.000829291 (x + 0.)^{45} + 0.000805805 (x + 0.)^{46} + 0.000783473 (x + 0.)^{47} + 0.000805805 (x + 0.)^{46} + 0.000783473 (x + 0.)^{47} + 0.000805805 (x + 0.)^{46} + 0.000783473 (x + 0.)^{47} + 0.000805805 (x + 0.)^{46} + 0.000783473 (x + 0.)^{47} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.000783473 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.0007805805 (x + 0.)^{48} + 0.000805805 (x + 0.)^{48} + 0.00080505 (x + 0.)^{48} + 0.00080505 (x + 0.)^{48} + 0.00080505 (x + 0.)^{48} + 0.000805005 (x + 0.)^{48} + 0.0
             0.000762216 (x + 0.)^{48} + 0.000741961 (x + 0.)^{49} + 0.000722642 (x + 0.)^{50} +
             0.000704198 (x + 0.)^{51} + 0.000686574 (x + 0.)^{52} + 0.000669718 (x + 0.)^{53} +
             0.000653584\ (x+0.)^{54} + 0.000638127\ (x+0.)^{55} + 0.000623308\ (x+0.)^{56} + 0.00060909\ (x+0.)^{57} + 0.00060909\ (
             0.000595439\ (x+0.)^{58} + 0.000582322\ (x+0.)^{59} + 0.00056971\ (x+0.)^{60} + 0.000557576\ (x+0.)^{61} + 0.000582322\ (x+0.)^{61} + 0.00056971\ (x+0.)^{60} + 0.00056971\ 
             0.000545894\ (x+0.)^{62} + 0.00053464\ (x+0.)^{63} + 0.000523793\ (x+0.)^{64} + 0.000513331\ (x+0.)^{65} + 0.000513310\ (x+0.)^{65} + 0.000513310\ (x+0.)^{65} + 0.000513310\ (x+0.)^
             0.000503236\ (x+0.)^{66} + 0.000493489\ (x+0.)^{67} + 0.000484073\ (x+0.)^{68} + 0.000474972\ (x+0.)^{69} + 0.000474972\ (x+0.)
             0.000466171 \; (x+0.)^{70} + 0.000457657 \; (x+0.)^{71} + 0.000449416 \; (x+0.)^{72} + 0.000441436 \; (x+0.)^{73} + 0.000411436 \; (x+0.)^{73} + 0.00041444 \; (x+0.)^{73} + 0.00041444 \; (x+0.)^{73} + 0.00041444 \; (x+0.)^{73} + 0.00041444 \; (x+0.)^{73} + 0.0004444 \; (x+0.)^{73} + 0.0004444 \; (x+0.)^{73} + 0.0004444 \; (x+0.)^{73} + 0.0004444 \; (x+0.)^{73} + 0.000444 \; (x+0.)^{73} + 0.00044 \; (x+0.)^{73} + 0.00044 \; (x+0.)^{73} + 0.00044 \; (x+0.)^{73} + 0.00044 \; (x+0.)^{73} + 0.0004 \; (x+0.)^{73} + 0.0004 \; (x+0.)^{73} + 0.0
             0.000433704\ (x+0.)^{74} + 0.000426211\ (x+0.)^{75} + 0.000418946\ (x+0.)^{76} + 0.000411898\ (x+0.)^{77} + 0.000418946\ (x+0.)^{78} + 0.000411898\ (x+0.)^{78} + 0.00041189\ (x+0.)^{78} + 0.00041189\ (x+0.)^{78} + 0.000411898\ (x+0.)^{
             0.000405059\ (x+0.)^{78} + 0.00039842\ (x+0.)^{79} + 0.000391973\ (x+0.)^{80} + O[x+0.]^{81}
```

$N[InverseSeries[Series[x/(Log[1-x]), {x, 0, 80}]]]$

```
2.(x+1.)-0.666667(x+1.)^2-0.222222(x+1.)^3-0.103704(x+1.)^4-0.054321(x+1.)^5-
            0.0289242(x+1.)^{6}-0.0141564(x+1.)^{7}-0.00487556(x+1.)^{8}+0.00125242(x+1.)^{9}+
            0.00541553\ (x+1.)^{10} + 0.00827194\ (x+1.)^{11} + 0.0102113\ (x+1.)^{12} + 0.0114773\ (x+1.)^{13} + 0.0102113\ (x+1.)^{12} + 0.0114773\ (x+1.)^{13} + 0.0102113\ (x+1.)^{14} + 0.0102113\ (x+1.)^{14} + 0.0114773\ (x+1.)^{14} + 0.0102113\ (x+1.)^{14} + 0.0102113\ (x+1.)^{14} + 0.0114773\ (x+1.)
            0.0122292\ (x+1.)^{14} + 0.0125761\ (x+1.)^{15} + 0.0125952\ (x+1.)^{16} + 0.0123436\ (x+1.)^{17} + 0.0125952\ (x+1.)^{16} + 0.0123436\ (x+1.)^{17} + 0.0125952\ (x+1.)^{18} + 0.012592\ (x+1
            0.0118653(x+1.)^{18} + 0.0111951(x+1.)^{19} + 0.0103622(x+1.)^{20} + 0.00939168(x+1.)^{21} + 0.0103622(x+1.)^{20} + 0.00939168(x+1.)^{21} + 0.0103622(x+1.)^{20} + 0.00939168(x+1.)^{21} + 0.0103622(x+1.)^{20} + 0.00939168(x+1.)^{20} + 0.0103622(x+1.)^{20} + 0.00939168(x+1.)^{20} + 0.00939168(
            0.00830586 (x + 1.)^{22} + 0.0071253 (x + 1.)^{23} + 0.00586934 (x + 1.)^{24} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{24} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^{25} + 0.00455649 (x + 1.)^{25} + 0.00586934 (x + 1.)^
            0.002244\ (x+1.)^{\,30}-0.00353229\ (x+1.)^{\,31}-0.00475849\ (x+1.)^{\,32}-0.0059072\ (x+1.)^{\,33}-0.00475849
            0.00696364\ (x+1.)^{34}-0.00791382\ (x+1.)^{35}-0.00874469\ (x+1.)^{36}-0.0094443\ (x+1.)^{37}-0.00881469
            0.0100019 (x + 1.)^{38} - 0.0104081 (x + 1.)^{39} - 0.0106552 (x + 1.)^{40} - 0.010737 (x + 1.)^{41} -
            0.010649 (x + 1.)^{42} - 0.010389 (x + 1.)^{43} - 0.00995641 (x + 1.)^{44} - 0.00935301 (x + 1.)^{45} - 0.0093501 (x + 1.)^{45} - 0.009501 (x + 1.)^{45} - 0.009501 (x + 1.)^{45} - 0.009501 (x + 1.)^{45} - 0.009501
            0.00858266 \; (x+1.)^{\,46} - 0.00765143 \; (x+1.)^{\,47} - 0.00656767 \; (x+1.)^{\,48} - 0.00534192 \; (x+1.)^{\,49} - 0.00666767 \; (x+1.)^{\,48} + 0.0066767 \; (x+1.)^{\,48
            0.00398695 (x + 1.)^{50} - 0.00251765 (x + 1.)^{51} - 0.000950987 (x + 1.)^{52} + 0.000694179 (x + 1.)^{53} + 0.000694179 (x + 1.)^{53} + 0.000694179 (x + 1.)^{54} + 0.000694170 (x + 1.)^{54} + 0.000694170 (x + 1.)^{54} + 0.000694170 (x + 1.)^{54} + 0.
            0.00239719\;(x+1.)^{54}+0.0041358\;(x+1.)^{55}+0.00588638\;(x+1.)^{56}+0.00762415\;(x+1.)^{57}+0.00588638\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58}+0.00762415\;(x+1.)^{58
            0.00932346\ (x+1.)^{58} + 0.0109581\ (x+1.)^{59} + 0.0125015\ (x+1.)^{60} + 0.0139274\ (x+1.)^{61} + 0.0125015\ (x+1.)^{60} + 0.0139274\ (x+1.)^{61} + 0.0125015\ (x+1.)^{60} + 0.0125015\ (x+1.)^
            0.0152096\ (x+1.)^{\,62} + 0.0163229\ (x+1.)^{\,63} + 0.0172434\ (x+1.)^{\,64} + 0.0179485\ (x+1.)^{\,65} + 0.0182096\ (x+1.)^{\,65} + 0.018209\ 
            0.0184176\ (x+1.)^{66} + 0.0186325\ (x+1.)^{67} + 0.0185775\ (x+1.)^{68} + 0.0182402\ (x+1.)^{69} + 0.0184176\ (x+1.)^{69} + 0.0186325\ (x+1.)^{69} + 0.0186400\ (x+1.)^{
            0.0176112 (x + 1.)^{70} + 0.016685 (x + 1.)^{71} + 0.0154599 (x + 1.)^{72} + 0.0139385 (x + 1.)^{73} +
            0.0121275(x+1.)^{74} + 0.0100384(x+1.)^{75} + 0.00768681(x+1.)^{76} + 0.00509336(x+1.)^{77} + 0.00509336(x+1.)^{77}
            0.00228298 (x + 1.)^{78} - 0.000714872 (x + 1.)^{79} - 0.00386648 (x + 1.)^{80} + 0[x + 1.]^{81}
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