

Polynomdivision - Marathon

Autor: Felix Heckert

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| 1 | $[(12,00 x^3) + (19,00 x^2) + (-7,00 x) + (6,00)] : [x+ (2,00)]$ | $[(12 x^2) + (-5 x) + (3)]$ |
| 2 | $[(3,00 x^3) + (-0,50 x^2) + (4,50 x) + (-7,00)] : [x+ (-1,00)]$ | $[(3 x^2) + (2,5 x) + (7)]$ |
| 3 | $[(-6,00 x^3) + (13,50 x^2) + (55,30 x) + (8,60)] : [x+ (2,00)]$ | $[(-6 x^2) + (25,5 x) + (4,3)]$ |
| 4 | $[(-53,00 x^3) + (-193,00 x^2) + (361,25 x) + (6,25)] : [x+ (5,00)]$ | $[(-53 x^2) + (72 x) + (1,25)]$ |
| 5 | $[(61,00 x^3) + (-177,00 x^2) + (-15,60 x) + (-7,20)] : [x+ (-3,00)]$ | $[(61 x^2) + (6 x) + (2,4)]$ |
| 6 | $[(-5,00 x^3) + (-2,00 x^2) + (15,00 x) + (12,00)] : [x+ (1,00)]$ | $[(-5 x^2) + (3 x) + (12)]$ |
| 7 | $[(7,50 x^3) + (23,75 x^2) + (12,75 x) + (27,00)] : [x+ (3,00)]$ | $[(7,5 x^2) + (1,25 x) + (9)]$ |
| 8 | $[(1,00 x^3) + (3,00 x^2) + (3,00 x) + (2,00)] : [x+ (2,00)]$ | $[(1 x^2) + (1 x) + (1)]$ |
| 9 | $[(-2,50 x^3) + (23,50 x^2) + (31,00 x) + (5,00)] : [x+ (1,00)]$ | $[(-2,5 x^2) + (26 x) + (5)]$ |
| 10 | $[(4,00 x^3) + (88,00 x^2) + (446,00 x) + (279,50)] : [x+ (6,50)]$ | $[(4 x^2) + (62 x) + (43)]$ |
| 11 | $[(52,00 x^4) + (108,00 x^3) + (11,00 x^2) + (13,00 x) + (14,00)] : [x+ (2,00)]$ | $[(52 x^3) + (4 x^2) + (3 x) + (7)]$ |
| 12 | $[(-5,20 x^4) + (17,60 x^3) + (1,25 x^2) + (-19,75 x) + (-6,00)] : [x+ (-3,00)]$ | $[(-5,2 x^3) + (2 x^2) + (7,25 x) + (2)]$ |
| 13 | $[(6,00 x^4) + (44,00 x^3) + (22,00 x^2) + (53,00 x) + (-21,00)] : [x+ (7,00)]$ | $[(6 x^3) + (2 x^2) + (8 x) + (-3)]$ |
| 14 | $[(-6,00 x^4) + (-17,40 x^3) + (-15,40 x^2) + (-5,68 x) + (33,60)] : [x+ (2,40)]$ | $[(-6 x^3) + (-3 x^2) + (-8,2 x) + (14)]$ |
| 15 | $[(25,00 x^4) + (81,00 x^3) + (66,00 x^2) + (12,30 x) + (2,30)] : [x+ (1,00)]$ | $[(25 x^3) + (56 x^2) + (10 x) + (2,3)]$ |
| 16 | $[(62,00 x^4) + (322,00 x^3) + (60,20 x^2) + (5,00 x) + (20,00)] : [x+ (5,00)]$ | $[(62 x^3) + (12 x^2) + (0,2 x) + (4)]$ |
| 17 | $[(13,00 x^4) + (75,50 x^3) + (88,00 x^2) + (2,50 x) + (-5,25)] : [x+ (1,50)]$ | $[(13 x^3) + (56 x^2) + (4 x) + (-3,5)]$ |
| 18 | $[(-11,00 x^4) + (-39,00 x^3) + (28,00 x^2) + (128,00 x) + (384,00)] : [x+ (4,00)]$ | $[(-11 x^3) + (5 x^2) + (8 x) + (96)]$ |
| 19 | $[(54,00 x^4) + (194,00 x^3) + (146,00 x^2) + (152,00 x) + (6,00)] : [x+ (3,00)]$ | $[(54 x^3) + (32 x^2) + (50 x) + (2)]$ |
| 20 | $[(15,00 x^4) + (79,00 x^3) + (68,00 x^2) + (250,00 x) + (50,00)] : [x+ (5,00)]$ | $[(15 x^3) + (4 x^2) + (48 x) + (10)]$ |
| 21 | $[(55,00 x^5) + (125,00 x^4) + (78,00 x^3) + (114,00 x^2) + (87,00 x) + (102,00)] : [x+ (2,00)]$ | $[(55 x^4) + (15 x^3) + (48 x^2) + (18 x) + (51)]$ |
| 22 | $[(1,40 x^5) + (-2,00 x^4) + (-3,00 x^3) + (-101,00 x^2) + (29,00 x) + (-370,00)] : [x+ (-5,00)]$ | $[(1,4 x^4) + (5 x^3) + (22 x^2) + (9 x) + (74)]$ |
| 23 | $[(-56,00 x^5) + (-163,50 x^4) + (17,50 x^3) + (44,00 x^2) + (106,00 x) + (30,00)] : [x+ (3,00)]$ | $[(-56 x^4) + (4,5 x^3) + (4 x^2) + (32 x) + (10)]$ |
| 24 | $[(2,50 x^5) + (0,50 x^4) + (9,00 x^3) + (-11,00 x^2) + (3,00 x) + (-4,00)] : [x+ (-1,00)]$ | $[(2,5 x^4) + (3 x^3) + (12 x^2) + (1 x) + (4)]$ |
| 25 | $[(62,00 x^5) + (-299,00 x^4) + (-48,80 x^3) + (-27,00 x^2) + (1,00 x) + (-105,00)] : [x+ (-5,00)]$ | $[(62 x^4) + (11 x^3) + (6,2 x^2) + (4 x) + (21)]$ |
| 26 | $[(3,20 x^5) + (15,00 x^4) + (36,50 x^3) + (49,50 x^2) + (6,00 x) + (2,50)] : [x+ (2,50)]$ | $[(3,2 x^4) + (7 x^3) + (19 x^2) + (2 x) + (1)]$ |
| 27 | $[(63,00 x^5) + (201,00 x^4) + (161,00 x^3) + (74,00 x^2) + (108,10 x) + (8,20)] : [x+ (2,00)]$ | $[(63 x^4) + (75 x^3) + (11 x^2) + (52 x) + (4,1)]$ |
| 28 | $[(72,00 x^5) + (-103,00 x^4) + (-2,00 x^3) + (-155,70 x^2) + (0,40 x) + (-18,00)] : [x+ (-2,00)]$ | $[(72 x^4) + (41 x^3) + (80 x^2) + (4,3 x) + (9)]$ |
| 29 | $[(5,00 x^5) + (6,00 x^4) + (5,00 x^3) + (16,00 x^2) + (20,00 x) + (8,00)] : [x+ (1,00)]$ | $[(5 x^4) + (1 x^3) + (4 x^2) + (12 x) + (8)]$ |
| 30 | $[(8,00 x^5) + (-12,00 x^4) + (-1,00 x^3) + (-14,00 x^2) + (7,00 x) + (-14,00)] : [x+ (-2,00)]$ | $[(8 x^4) + (4 x^3) + (7 x^2) + (0 x) + (7)]$ |