

Factoring

Of the form $ax^2 \pm bx \pm c$

1. $2x^2 + 3x + 1$
2. $3x^2 + 7x + 2$
3. $5x^2 + 17x + 6$
4. $6y^2 + 17y + 10$
5. $2x^2 + 7x + 5$
6. $4x^2 + 13x + 3$
7. $3a^2 + 8a + 4$
8. $9x^2 + 15x + 4$
9. $9c^2 + 18c + 8$
10. $35x^2 + 34x + 8$
11. $21x^2 + 37x + 12$
12. $10d^2 + 23d + 12$
13. $4x^2 - 13x + 3$
14. $12z^2 - 7z + 1$
15. $3z^2 - 10z + 8$
16. $12x^2 - 17x + 6$
17. $20y^2 - 23y + 6$
18. $6b^2 - 23b + 7$
19. $24x^2 - 47x + 20$
20. $4y^2 - 21y + 27$
21. $15x^2 - 26x + 8$
22. $8f^2 - 26f + 21$
23. $12y^2 - 44y + 35$
24. $12x^2 - 11x + 2$
25. $4x^2 + 11x - 3$
26. $10a^2 + 3a - 4$
27. $5y^2 + 33y - 56$
28. $84e^2 + e - 15$
29. $9x^2 + 6x - 8$
30. $4z^2 + 4z - 15$
31. $5x^2 + 2x - 3$
32. $15y^2 + 4y - 3$
33. $24r^2 + 2r - 15$
34. $6y^2 - 5y - 25$
35. $8y^2 - 28y - 16$
36. $18y^3 - 3y^2 - 10y$
37. $6y^2 - y - 15$
38. $18x^2 - 6x - 24$
39. $24x^2 - 47x - 2$
40. $3y^2 - 16y - 12$
41. $10x^2 - 7x - 12$
42. $3x^3 - 5x^2 - 2x$
43. $15y^2 - 19y - 10$
44. $2t^2 - 3t - 14$
45. $16x^2 - 6x - 27$
46. $12x^2 - 33x - 9$
47. $24y^2 - 20y - 4$
48. $30t^2 - 5t - 60$
49. $4x^2 + 16xy + 15y^2$
51. $25c^2 + 10cd - 8d^2$
52. $49x^2 - 21xy - 10y^2$
53. $6a^2b^2 - abc - 40c^2$
54. $12x^2 - 19xy - 21y^2$
55. $70x^2 - 83xy + 18y^2$
56. $40b^2 + 31bc + 6c^2$
57. $35x^2 + 43xyz + 12y^2z^2$
58. $36x^2 - 37xyz + 7y^2z^2$

59. $18x^6 - 35x^3 + 12$ 60. $21c^4 + 19c^2d - 12d^2$ 61. $2(x+y)^2 + (x+y) - 3$
62. $8x^2(x+1) + 2x(x+1) - 3(x+1)$ 63. $12x^2(x-2) - 29x(x-2) + 15(x-2)$
64. $3x^2 - 10x - 8$ 65. $15x^2 + 19x - 10$ 66. $8x^2 + 10x - 3$
67. $12x^2 + 4x - 21$ 68. $6x^2 - x - 15$ 69. $6x^2 + 25x - 25$
70. $20a^2 - 13a - 21$ 71. $24x^2 + 22x - 10$ 72. $24x^2 - 6x - 9$
73. $10x^2 - 13x - 77$ 74. $6m^4 + 11m^3 - 10m^2$ 75. $12x^2 + 22x - 14$
76. $15x^2 - 19x + 6$ 77. $15x^2 + 19x + 6$ 78. $15x^2 - 9x - 6$
79. $15x^2 - 33x + 6$ 80. $15x^2 - 21x + 6$ 81. $15x^2 - 23x + 6$
82. $12x^2 + 7xy - 12y^2$ 83. $3x^2 - 2xy - 5y^2$ 84. $12a^2 - 8ab - 15b^2$
85. $20x^2 + 18xy - 35y^2$ 86. $56m^2 - 19mn - 15n^2$ 87. $28x^2 + 3xy - 6y^2$
88. $20x^4 - 27x^2 - 18$ 89. $12x^4 + 17x^2 - 5$ 90. $32x^4 - 2x^2y^2 - 9y^4$
91. $15a^2 + 40a + 20$ 92. $18x^2 + 30x + 8$ 93. $27c^2 + 54c + 24$
94. $16x^2 - 52x + 12$ 95. $24z^2 - 14z + 2$ 96. $18z^2 - 60z + 48$
97. $-18x^2 - 12x + 16$ 98. $-12z^2 - 12z + 60$ 99. $-20x^2 - 55x + 15$
100. $-3y^2 + 16y + 12$ 101. $-20x^2 + 14x + 24$ 102. $3x^4 - 5x^3 - 2x^2$
103. $8(z-1)^2 + 8(z-1) - 30$ 104. $18(y+3)^2 - 3(y+3) - 45$
105. $6(x^2 - 3x + 1)^2 + 14(x^2 - 3x + 1) + 4$ 106. $-15(2x-3)^2 - 6(2x-3) + 9$