

Practice 9-5

Practice 9-6

~~Practice 9-7~~

Practice 9-8

Factor each expression.

1. $2x^2 + 3x + 1$
4. $b^2 - 2b - 3$
7. $x^2 - 9x + 20$
10. $p^2 - 8p + 7$
13. $x^2 + 5x - 14$
16. $3x^2 + 8x + 5$
19. $5x^2 - 22x + 8$
22. $3x^2 - 2x - 8$
25. $4y^2 - 11y - 3$
28. $7y^2 + 19y + 10$
31. $2x^2 + 5x - 3$
34. $2x^2 - x - 21$
37. $6x^2 - 19x + 15$
40. $2x^2 - 5x - 12$
43. $n^2 - n - 6$
46. $x^2 - 18x + 17$
49. $b^2 + 4b - 12$
52. $x^2 - 13x + 42$
55. $8x^2 + 65x + 8$
58. $18x^2 - 27x + 4$
61. $x^2 + 2x - 63$
64. $r^2 + 2r - 35$
67. $x^2 - 8x + 15$
70. $x^2 - 9x + 14$
73. ~~$y^2 - 16y + 64$~~
76. $x^2 + 3x - 40$
79. $a^2 + 7a + 6$
82. $n^2 + 16n - 36$

2. $d^2 + 8d + 7$
5. $s^2 - 4s - 5$
8. $x^2 - 5x + 6$
11. $d^2 + 6d + 5$
14. $b^2 + 9b + 14$
17. $x^2 + 13x + 22$
20. $4x^2 + 17x - 15$
23. $3y^2 + 7y - 6$
26. $2y^2 + 9y + 7$
29. $7x^2 - 30x + 8$
32. $2x^2 - 5x + 3$
35. $8x^4 + 6x - 28x^3 - 21$
38. $6x^3 + 3x^2 + 2x + 1$
41. $b^2 - 26b + 48$
44. $6y^2 - 5y + 1$
47. $x^2 + 16x + 28$
50. $d^2 + 11d + 18$
53. $x^2 + x - 6$
56. $20x^2 + 37x + 15$
59. $10x^2 + 3x - 4$
62. $x^2 - 2x - 8$
65. $c^2 - 3c - 10$
68. $n^2 - 23n + 60$
71. $x^2 - 10x + 24$
74. ~~$n^2 + 10n + 25$~~
77. $x^2 - x - 42$
80. $x^2 - 14x + 48$
83. $n^2 - 4n - 21$

3. $2n^2 + n - 6$
6. $5x^2 - 2x - 7$
9. $3x^2 + 8x + 4$
12. $3x^2 - 6xy + 2x - 4y$
15. $6 + 2y + 3x^2 + x^2y$
18. $x^2 + 3x - 4$
21. $5x^2 - 33x - 14$
24. $2x^2 + 13x - 24$
27. $5y^2 - 3y - 2$
30. $x^2 - 2x - 15$
33. $x^2 - 3x - 18$
36. $5x^3 - x^2 + 15x - 3$
39. $3x^3 + 9x^2 + 2x + 6$
42. $n^2 - 15n + 26$
45. $x^2 + 7x + 12$
48. $t^2 - 6t - 27$
51. $x^2 + x - 20$
54. $x^2 + 4x - 21$
57. $24y^2 + 41y + 12$
60. $10y^2 - 29y + 10$
63. $x^2 - 11x - 60$
66. $x^2 + 8x + 15$
69. $c^2 + 3c - 10$
72. ~~$2x^3 + 48x^2 + 200x$~~
75. ~~$b^2 - 14b + 49$~~
78. ~~$9x^2 - 36x$~~
81. ~~$4x^2 - 32x + 64$~~
84. $y^2 + 16y - 17$