

Extra Credit WS #1

Factor each trinomial completely

1. $a^2 + 4a - 5$ = _____
2. $x^2 - 2x - 3$ = _____
3. $y^2 - 5y - 6$ = _____
4. $y^2 + 2y - 15$ = _____
5. $x^2 + 6x - 16$ = _____
6. $y^2 - 10y - 24$ = _____
7. $x^2 + 2x - 35$ = _____
8. $x^2 - 2x - 35$ = _____
9. $w^2 - 3w - 40$ = _____
10. $x^2 - 4x - 21$ = _____
11. $x^2 + 5x - 36$ = _____
12. $z^2 - z - 72$ = _____
13. $x^2 - xy - 20y^2$ = _____
14. $m^2 - 2mx - 3x^2$ = _____
15. $x^2 - 5xy - 50y^2$ = _____
16. $x^2 - 4xy - 77y^2$ = _____
17. $x^2 - 11xy - 60y^2$ = _____
18. $x^2 + 14xy - 72y^2$ = _____
19. $x^2 - 9xy - 22y^2$ = _____
20. $x^2 - xy - 72y^2$ = _____
21. $1 - 8ab - 20a^2b^2$ = _____
22. $1 - 7xy - 60x^2y^2$ = _____
23. $m^2 - 18m - 144$ = _____
24. $x^2 + 2x - 8$ = _____
25. $n^2 - 6n - 27$ = _____
26. $x^2 - 3x - 4$ = _____
27. $y^2 - 3y - 10$ = _____
28. $x^2 + 2y - 3$ = _____
29. $y^2 - 2y - 3$ = _____
30. $y^2 - 2y - 8$ = _____
31. $z^2 + 4z - 12$ = _____
32. $z^2 + 4z - 5$ = _____
33. $n^2 + 11n - 12$ = _____
34. $n^2 + 11n - 26$ = _____

35. $k^2 - k - 20$ = _____
36. $x^2 - 8x - 9$ = _____
37. $x^2 + 3x + 2$ = _____
38. $x^2 + 5x + 4$ = _____
39. $y^2 + 6y + 8$ = _____
40. $y^2 + 7y + 10$ = _____
41. $x^2 + 11x + 10$ = _____
42. $x^2 + 9x + 20$ = _____
43. $x^2 - 4x + 3$ = _____
44. $x^2 - 8x + 7$ = _____
45. $x^2 - 7x + 12$ = _____
46. $x^2 - 8x + 15$ = _____
47. $x^2 - 10x + 24$ = _____
48. $z^2 + 10z + 21$ = _____
49. $x^2 + 6x + 5$ = _____
50. $y^2 + 7y + 6$ = _____
51. $x^2 - 4x + 3$ = _____
52. $x^2 - 10x + 16$ = _____
53. $x^2 + 9x + 18$ = _____
54. $x^2 - 20x + 51$ = _____
55. $y^2 - 11y + 28$ = _____
56. $x^2 - 13x + 22$ = _____
57. $z^2 - 13z + 42$ = _____
58. $x^2 + 15x + 44$ = _____
59. $y^2 - 14y + 45$ = _____
60. $x^2 + 16x + 55$ = _____
61. $y^2 - 17y + 72$ = _____
62. $72 - 38x + x^2$ = _____
63. $20 - 12y + y^2$ = _____
64. $x^2 - 12xy + 35y^2$ = _____
65. $a^2 - 11ab + 24b^2$ = _____
66. $x^2 - 11xy + 30y^2$ = _____
67. $x^2 - 19xy + 48y^2$ = _____
68. $x^2 + 13xy + 40y^2$ = _____
69. $x^2 + 15xy + 50y^2$ = _____
70. $x^2 - 13xy + 42y^2$ = _____