

Factoring When the Leading Coefficient is 1

Date _____ Period _____

Solve each equation by factoring.

1) $b^2 - 6b + 5 = 0$

2) $n^2 + n = 0$

3) $x^2 + 5x + 4 = 0$

4) $x^2 - 3x - 4 = 0$

5) $b^2 - 2b - 15 = 0$

6) $n^2 + 3n = 0$

7) $x^2 - 5x + 6 = 0$

8) $p^2 + 6p + 8 = 0$

9) $p^2 + 3p + 2 = 0$

10) $a^2 - 3a - 4 = 0$

11) $x^2 + 7x + 12 = 0$

12) $a^2 - a - 2 = 0$

13) $k^2 + 8k + 15 = 0$

14) $r^2 + 9r + 20 = 0$

15) $x^2 - x = 0$

16) $v^2 - 8v + 15 = 0$

17) $a^2 + a - 2 = 0$

18) $a^2 + 6a + 9 = 0$

19) $x^2 - 2x - 8 = 0$

20) $k^2 - 9k + 20 = 0$

21) $x^2 - x = 2$

22) $x^2 - x - 10 = -4$

23) $x^2 - 2x + 2 = 5$

24) $v^2 - 3v - 9 = -5$

25) $m^2 + 2m - 5 = -5$