Solving Quadratic Equations by Factoring Practice

Solve each equation by factoring.

1) $x^2 - 14x + 48 = 0$

2) $x^2 - 2x - 35 = 0$

3) $n^2 - 1 = 0$

4) $b^2 + 2b - 24 = 0$

5) $a^2 - 6a + 5 = 0$

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

7) $n^2 = 4n + 5$

8) $n^2 + 6n = 7$

9) $r^2 - 24 = 2r$

10) $x^2 = x + 42$

11) $x^2 - 5 = -4x$

12) $r^2 - 6 = -r$

13) $x^2 - 24 = -5x$

14) $x^2 - 15 = 2x$

15) $4a^2 + 5a = 2a^2 + 3$

16) $4k^2 + 35k + 7 = 6k$

17) $7r^2 + 26r - 11 = -3$

18) $11x^2 + 7x - 8 = -8 + 6x^2$

19) $2b^2 - 10b + 23 = 2 + 7b$

20) $3n^2 + 9n - 32 = 4n - 4$