

8.5B Solving Quadratics by Factoring

Period _____

Solve each equation using the Z.P. P.

1) $(5v - 6)(4v + 1) = 0$

2) $(8x - 7)(x + 6) = 0$

3) $(r + 3)(r + 2) = 0$

4) $(2x + 1)(4x - 3) = 0$

Solve each equation by factoring.

5) $3n^2 - 13n + 4 = 0$

6) $3b^2 - 14b + 8 = 0$

7) $7x^2 + 25x + 12 = 0$

8) $2a^2 - 17a + 30 = 0$

9) $5n^2 + 28n - 12 = 0$

10) $7v^2 - 36v + 32 = 0$

11) $7r^2 - 18r - 9 = 0$

12) $2a^2 - 15a + 25 = 0$

13) $2x^2 + 9x - 35 = 0$

14) $2b^2 + 3b - 5 = 0$

15) $7x^2 - 13x - 2 = 0$

16) $2x^2 + 7x - 4 = 0$

17) $6n^2 - 19n - 7 = 0$

18) $7x^2 - 6x - 1 = 0$