

8.5C Solving Quadratics by Factoring

Period _____

Solve each equation using the Z.P. P.

1) $(5r + 3)(5r - 7) = 0$

2) $(7n - 6)(n - 8) = 0$

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

4) $(n + 5)(n - 3) = 0$

Solve each equation by factoring.

5) $10p^2 - 7p + 1 = 0$

6) $3a^2 + 20a + 25 = 0$

7) $3a^2 - 13a - 10 = 0$

8) $7k^2 - 19k - 6 = 0$

9) $2n^2 + 17n + 21 = 0$

10) $2x^2 + x - 3 = 0$

11) $10r^2 + 7r + 1 = 0$

12) $3k^2 - 11k + 6 = 0$

13) $4m^2 - 17m + 4 = 0$

14) $3x^2 + 8x - 16 = 0$

15) $7k^2 + 12k + 5 = 0$

16) $7b^2 - 5b - 2 = 0$

17) $4p^2 + 7p - 2 = 0$

18) $5v^2 + 9v + 4 = 0$