

4.5A Solving Quadratics by Factoring

Period _____

Solve each equation by factoring.

1) $(5p + 6)(p - 6) = 0$

2) $(2x - 5)(x - 5) = 0$

3) $(k - 6)(k - 5) = 0$

4) $(x - 6)(x - 4) = 0$

5) $5x^2 - 9x + 4 = 0$

6) $7n^2 + 55n - 8 = 0$

7) $4p^2 - 21p - 18 = 0$

8) $8b^2 - 37b + 20 = 0$

9) $7n^2 - 18n - 9 = 0$

10) $2x^2 + 13x - 24 = 0$

11) $10a^2 + 19a + 6 = 0$

12) $7x^2 + 48x - 7 = 0$

13) $7v^2 - 37v + 10 = 0$

14) $3x^2 + 11x + 8 = 0$

15) $x^2 + 10x + 24 = 0$

16) $b^2 + 4b + 3 = 0$

17) $n^2 + 7n - 8 = 0$

18) $b^2 - 4b + 3 = 0$

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

20) $m^2 - 8m + 16 = 0$

21) $b^2 + 8b + 16 = 0$

22) $n^2 + 6n + 9 = 0$

23) $r^2 - 16r + 64 = 0$

24) $b^2 + 2b + 1 = 0$

25) $25n^2 + 30n + 9 = 0$

26) $49n^2 + 28n + 4 = 0$

27) $9r^2 - 12r + 4 = 0$

28) $4p^2 - 20p + 25 = 0$