

Solving Quadratics by Factoring

Date _____ Period _____

Solve each equation by factoring.

1) $(7r - 1)(r - 1) = 0$

2) $(x - 7)^2 = 0$

3) $n^2 - 7n + 10 = 0$

4) $x^2 - x - 20 = 0$

5) $7b^2 + 36b + 5 = 0$

6) $3p^2 + 20p + 12 = 0$

7) $v^2 + 4v + 1 = 6$

8) $x^2 - 13x + 46 = 4$

9) $6b^2 + 11b = -4$

10) $2p^2 + 42 = -19p$

11) $v^2 - 24 = 5v$

12) $-4a^2 + a - 42 = -5a^2$