

SOLVING BY FACTORING · DAY 2

Directions: Factor each expression. Be sure to check for a GCF first. Then solve.

7. $x^2 + 10x + 24 = 0$

8. $n^2 + 12n - 85 = 0$

9. $6p^2 - 24p = -24$

10. $3a^2 - 3a = 36$

11. $2x^2 - 15x - 8 = 0$

12. $9m^2 + 24m + 7 = 0$

13. $16w^2 + 1 = -8w$

14. $20y^2 + 6 = 34y$

15. $k^2 - 25 = 0$

16. $9m^2 = 49$

For #17 and #18, simply factor.

17. $64x^2y - y$

18. $20c^2 - 45d^2$