

P. 596 # 4-22 all

FACTORIZING TRINOMIALS Factor the trinomial.

4. $-x^2 + x + 20$

5. $-y^2 + 2y + 8$

6. $-a^2 + 12a - 27$

7. $5w^2 - 6w + 1$

8. $-3p^2 - 10p - 3$

9. $6s^2 - s - 5$

10. $2t^2 + 5t - 63$

11. $2c^2 - 7c + 3$

12. $3n^2 - 17n + 10$

13. $-2h^2 + 5h + 3$

14. $-6k^2 - 13k - 6$

15. $10x^2 - 3x - 27$

16. $4m^2 + 9m + 5$

17. $3z^2 + z - 14$

18. $4a^2 + 9a - 9$

19. $4n^2 + 16n + 15$

20. $-5b^2 + 7b - 2$

21. $6y^2 - 5y - 4$

22. ★ **MULTIPLE CHOICE** What is the correct factorization of $8x^2 - 10x + 3$?

Ⓐ $(2x - 3)(4x - 1)$

Ⓑ $(2x - 1)(4x - 3)$

Ⓒ $(4x + 1)(2x - 3)$

Ⓓ $(8x - 3)(x - 1)$