

3.3, 3.5, 3.6 & 3.8 Assignment (Answers)

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| 1. $3(n-2)(5n+1)$ | 2. $(4v+5)(4v-5)$ |
| 3. Cannot factor | 4. $(b-4)(b-2)$ |
| 5. $3(4n+1)(4n-1)$ | 6. $(2n+1)(2n-1)$ |
| 7. $(u+v)(u-v)$ | 8. $2(n+11)(n-4)$ |
| 9. $2(k+5)(k+6)$ | 10. $3(3x+1)(x+7)$ |
| 11. $10(2x+5y)(2x-5y)$ | 12. $(4n+5)(n-5)$ |
| 13. $(4v-23)(4v-33)$ | 14. $(p+10)(p+1)$ |
| 15. $5(4x+3)(4x-3)$ | 16. $5(n-4)(n-2)$ |
| 17. $(2x+3)(2x-3)$ | 18. $(y-3z+15)(y+3z-9)$ |
| 19. $(4n+5)(n-5)$ ★ same as #12
(oops!) | 20. $(n-4)(4n-1)$ |
| 21. $(v-5)(v-2)$ | 22. $4(x-2)(x+1)$ |
| 23. $(5n+4)(n+3)$ | 24. $6(x+10)(x+1)$ |