

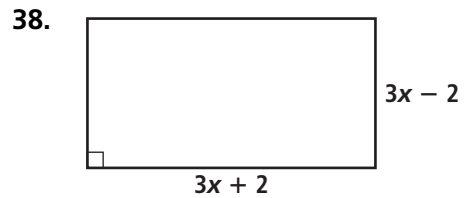
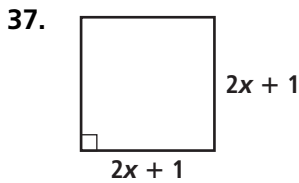
Practice 9-4

Multiplying Special Cases

Simplify.

- | | |
|----------------------------------|------------------------------|
| 1. $(w - 2)^2$ | 2. $(y + 4)^2$ |
| 3. $(4w + 2)^2$ | 4. $(w - 9)^2$ |
| 5. $(3x + 7)^2$ | 6. $(3x - 7)^2$ |
| 7. $(2x - 9)^2$ | 8. $(x - 12)^2$ |
| 9. $(6x + 1)^2$ | 10. $(4x - 7)^2$ |
| 11. $(x + 8)(x - 8)$ | 12. $(x - 11)(x + 11)$ |
| 13. $(x - 12)(x + 12)$ | 14. $(y + w)(y - w)$ |
| 15. $(2x + 1)(2x - 1)$ | 16. $(5x - 2)(5x + 2)$ |
| 17. $(6x + 1)(6x - 1)$ | 18. $(2x - 4)(2x + 4)$ |
| 19. $(x^2 + y^2)^2$ | 20. $(2x^2 + y^2)^2$ |
| 21. $(a^2 - b^2)^2$ | 22. $(y^2 - 4w^2)^2$ |
| 23. $(3 - 6x^2)^2$ | 24. $(4a - 3y)^2$ |
| 25. $(3y + 2a)(3y - 2a)$ | 26. $(x^2 + 2y)(x^2 - 2y)$ |
| 27. $(3x^2 + 4w^2)(3x^2 - 4w^2)$ | 28. $(4x + 3w^2)(4x - 3w^2)$ |
| 29. $(2a + 7b)(2a - 7b)$ | 30. $(5a^2 - 6x)(5a^2 + 6x)$ |
| 31. 18^2 | 32. $(64)^2$ |
| 33. $(29)(31)$ | 34. $(97)(103)$ |
| 35. $(19)(42)$ | 36. $(95)(205)$ |

Find the area.



Find the area of the shaded region.

