

Key

Simplify.

1. $(x+5)(x+2)$ $x^2 + \underline{2x + 5x} + 10$ $x^2 + 7x + 10$	2. $(y+4)(y-3)$ $y^2 - \underline{3y + 4y} - 12$ $y^2 + y - 12$
3. $(n-5)(n-3)$ $n^2 - \underline{3n - 5n} + 15$ $n^2 - 8n + 15$	4. $(x+3)(2x+4)$ $2x^2 + \underline{4x + 6x} + 12$ $2x^2 + 10x + 12$
5. $(4y-2)(3y-7)$ $12y^2 - \underline{28y - 6y} + 14$ $12y^2 - 34y + 14$	6. $(5n+3)(2n+3)$ $10n^2 + \underline{15n + 6n} + 9$ $10n^2 + 21n + 9$
7. $(8x-4)(2x+5)$ $16x^2 + \underline{40x - 8x} - 20$ $16x^2 + 32x - 20$	8. $(9y+7)(3y-4)$ $27y^2 - \underline{36y + 21y} - 28$ $27y^2 - 15y - 28$
9. $(4n-3)(2n-1)$ $12n^2 - \underline{4n - 6n} + 3$ $12n^2 - 10n + 3$	10. $(5y-1)(2y+3)$ $10y^2 + \underline{15y - 2y} - 3$ $10y^2 + 13y - 3$
11. $(6x+5)(3x-4)$ $18x^2 - \underline{24x + 15x} - 20$ $18x^2 - 9x - 20$	12. $(3x+4y)(2x-5y)$ $6x^2 - \underline{15xy + 8xy} - 20y^2$ $6x^2 - 7xy - 20y^2$