

Expanding Brackets Revision

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|--|--|---|---|
| (a) | (b) | (c) | (d) |
| Expand $7(x - 3)$ | Expand $x(5 + 2x)$ | Expand $5y(3y - 1)$ | Expand $-6(2x + 3)$ |
| (e) | (f) | (g) | (h) |
| Expand $x^2(9 - 2x)$ | Expand and simplify $5(x + 3) + 2(x - 4)$ | Expand and simplify $4(2x - 3) - 2(x - 1)$ | Expand and simplify $7 - 3(4x - 1)$ |
| (i) | (j) | (k) | (l) |
| Expand and simplify $(x + 3)(x + 7)$ | Expand and simplify $(x - 5)(x + 1)$ | Expand and simplify $(y - 8)(y - 7)$ | Expand and simplify $(5x + 1)(x - 4)$ |
| (m) | (n) | (o) | (p) |
| Expand and simplify $(2x - 3y)(x - 2y)$ | Expand and simplify $(x + 3)^3$ | Expand and simplify $(2x + 3)(x - 1)(x + 5)$ | $(3x - 1)(x + a)^2$ $\equiv 3x^3 - 19x^2 + bx - 9$ Find the values of a and b . |