

Expanding Single Brackets

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|----------------------------|-----------------------------|-----------------------------|----------------------------|
| (a) | (b) | (c) | (d) |
| $2(x + 7) = 24$ | $3(6 - x) = 12$ | $5(x - 3) = 25$ | $a(5 + a) = 60$ |
| (e) | (f) | (g) | (h) |
| $2(a - 7) = -8$ | $-2(x + 6) = -20$ | $5(2x - 3) = 45$ | $4(2 + x) = 76$ |
| (i) | (j) | (k) | (l) |
| $-3(x^2 + 4) = -23$ | $6a(a + 7) = 108$ | $2(x + 3) = 44$ | $a(8 - a) = 15$ |
| (m) | (n) | (o) | (p) |
| $-6(3 + x) = -12$ | $-2(5 - x) = 30$ | $3(7g - 3) = 33$ | $4(x + 2) + 3(x + 6) = 48$ |
| (q) | (r) | (s) | (t) |
| $4(8 + x) + 3(x - 1) = 52$ | $6(1 + 2x) - 2(x + 5) = 75$ | $7(3x + 2) - 4(x - 2) = 90$ | $6(x + 4) - x(7 - 2) = 76$ |