

Expanding Single Brackets

(a)	(b)	(c)	(d)
Expand $2(x + 5)$ $2x + 10$	Expand $3(6 - x)$ $18 - 3x$	Expand $x(x - 3)$ $x^2 - 3x$	Expand $a(5 + a)$ $5a + a^2$
(e)	(f)	(g)	(h)
Expand $2a(b - 7)$ $2ab - 14a$	Expand $-2(x + 6)$ $-2x - 12$	Expand $5(2x - y)$ $10x - 5y$	Expand $4x(2 + x)$ $8x + 4x^2$
(i)	(j)	(k)	(l)
Expand $-3(x^2 + 4)$ $-3x^2 - 12$	Expand $6a(a + 2b)$ $6a^2 + 12ab$	Expand $2x(x^2 + 3y)$ $2x^3 + 6xy$	Expand $ab(8 - a)$ $8ab - a^2b$
(m)	(n)	(o)	(p)
Expand $-x(3 + x)$ $-3x - x^2$	Expand $-2(5 - x)$ $-10 + 2x$	Expand $3x^2y(2x - 6y)$ $6x^3y - 18x^2y^2$	Expand and simplify $4(x + 2) + 3(x + 6)$ $7x + 26$
(q)	(r)	(s)	(t)
Expand and simplify $4(8 + x) + 3(x - 1)$ $7x + 29$	Expand and simplify $6(1 + 2x) - 2(x + 5)$ $10x - 4$	Expand and simplify $7(3x + 2) - 4(x - 2)$ $17x + 22$	Expand and simplify $6x(x + 4) - x(7 - 2x)$ $8x^2 + 17x$