

Expanding Brackets Revision

(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 .