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| **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 $5\left(x+3\right)+2(x-4)$ | Expand and simplify $4\left(2x-3\right)-2(x-1)$ | 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$$(2x+3)(x-1)(x+5)$$ | $$\left(3x-1\right)\left(x+a\right)^{2}$$$$≡3x^{3}-19x^{2}+bx-9$$Find the values of $a$ and $b$. |