

Expand and factorise single brackets (A)

Expand
$3(x - 9)$ $3x - 27$
$2x(4x + 6)$ $8x^2 + 12x$
$5x(x - 4)$ $5x^2 - 20x$
$x(x + 8)$ $x^2 + 8x$
$6x(9 + 3x)$ $54x + 18x^2$
$x(10 + 3x)$ $10x + 3x^2$
$4(6x - 11)$ $24x - 44$
$9(8 - 7x)$ $72 - 63x$
$8x(3x + 2)$ $24x^2 + 16x$
$x(11 - 6x)$ $11x - 6x^2$

Factorise
$25x - 15$ $5(5x - 3)$
$42x^2 + 36x$ $6x(7x + 6)$
$x^2 - x$ $x(x - 1)$
$5x + x^2$ $x(5 + x)$
$18x^2 - 27x$ $9x(2x - 3)$
$24 - 16x$ $8(3 - 2x)$
$3x + 9$ $3(x + 3)$
$30x + 20x^2$ $10x(3 + 2x)$
$21x + 7$ $7(3x + 1)$
$x^2 - 9x$ $x(x - 9)$