

Factorise single brackets (A)

Numerical factor
$45u + 55$ $5(9u + 11)$
$32a - 28$ $4(8a - 7)$
$56 + 24g$ $8(7 + 3g)$
$54 + 12w$ $6(9 + 2w)$
$84 + 132p$ $12(7 + 11p)$
$15 - 6z$ $3(5 - 2z)$
$15c - 40$ $5(3c - 8)$
$28x + 49$ $7(4x + 7)$
$66 - 18y$ $6(11 - 3y)$
$20u - 45$ $5(4u - 9)$

Algebraic factor
$12p + p^2$ $p(12 + p)$
$r^2 - 4r$ $r(r - 4)$
$j^2 - 4j$ $j(j - 4)$
$10h - h^2$ $h(10 - h)$
$u^2 + 6u$ $u(u + 6)$
$v^2 - 8v$ $v(v - 8)$
$8v - v^2$ $v(8 - v)$
$5n + n^2$ $n(5 + n)$
$e^2 + 10e$ $e(e + 10)$
$3s + s^2$ $s(3 + s)$

Both factors
$30w^2 + 20w$ $10w(3w + 2)$
$42u - 18u^2$ $6u(7 - 3u)$
$55f - 44f^2$ $11f(5 - 4f)$
$77f - 99f^2$ $11f(7 - 9f)$
$30n + 12n^2$ $6n(5 + 2n)$
$36v - 40v^2$ $4v(9 - 10v)$
$55t^2 - 88t$ $11t(5t - 8)$
$108z^2 + 84z$ $12z(9z + 7)$
$6r^2 + 21r$ $3r(2r + 7)$
$55h + 22h^2$ $11h(5 + 2h)$