

### Expand grouping symbols and simplify

1	$3(a + 3b) + 7a$ $= 3 \times a + 3 \times 3b + 7a$ $= 3a + 9b + 7a$ $= 3a + 7a + 9b$ $= 10a + 9b$	Expand  Collect like terms Simplify	8	$3(p - 5) + 2(p + 2)$	Expand  Collect like terms Simplify
2	$5(c + 8d) - 4c$	Expand  Collect like terms Simplify	9	$6(q + 8) - q + 5$	Expand  Collect like terms Simplify
3	$4(e - 7) + 5e$	Expand  Collect like terms Simplify	10	$8p(p^2 + 14p) - 2(p + 8)$	Expand  Collect like terms Simplify
4	$7(f + 2) - 3g$	Expand  Collect like terms Simplify	11	$2k(3k - 3) + 7k$	Expand  Collect like terms Simplify
5	$3(h - 3) - 9(h + 3)$	Expand  Collect like terms Simplify	12	$8r(4r - 3) + 4(r - r^2)$	Expand  Collect like terms Simplify
6	$6(j + 7) - 3j$	Expand  Collect like terms Simplify	13	$5s(12s - 7) + 9s$	Expand  Collect like terms Simplify
7	$4(2l - 3m) + 7(4n - 7l)$	Expand  Collect like terms Simplify	14	$4t(3t - 11) + 7(3 - 9t)$	Expand  Collect like terms Simplify