Expanding Single Brackets
Exam Style Questions

1. Expand the following brackets.

    (a) $2(x + 3)$

    .... (1)

    (b) $9(2a + 3b)$

    .... (1)

    (c) $8(x + 11y)$

    .... (1)

    (d) $3(a + 3b + c)$

    .... (1)

    (e) $-3(2a + 3c)$

    .... (1)

    (f) $-6(3a - 4c)$

    .... (1)

(g) $x(x + 8)$

.... (1)

(h) $2x(2x + 3)$

.... (1)

(i) $a(2a - 3b)$

.... (1)

(i) $- 5xy(x + y)$

.... (1)

(j) $x^2(x + 3)$

.... (1)

(k) $xy(x + y + z)$

.... (1)

(l) $3a^3(a + b)$

.... (1)

(m) $-p(-q-3)$

.... (1)

(n) $11x^2y(x-3y)$

.... (1)

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2. Expand and simplify the following expressions.

(a) $9(2a+3b)+4(3a+b)$

.... (2)

(b) $4(3a+3b)-5(a-b)$

.... (2)

(c) $2(12a-b)-3(2a+11b)$

.... (2)

(d) $a(a - 2b) - a(3a - 2b)$

.... (2)

(e) $x(ax + by) + c(x + d)$

.... (2)

(f) $3x^2(x - 1) - 5x(3x - 1)$

.... (2)

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