



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)



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(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)



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

..... (1)

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

..... (1)

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)



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

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

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

..... (2)

..... (2)

..... (2)
