

QUESTION 1 Expand the following expressions.

a $3(a + 2b) =$ _____ b $5(3a + b) =$ _____ c $2(4a + b) =$ _____

d $7(3m + 2n) =$ _____ e $8(6m - n) =$ _____ f $4(3x + 8y) =$ _____

g $5(x + 2y) =$ _____ h $6(9a - 2b) =$ _____ i $5(3a - b) =$ _____

QUESTION 4 Expand.

a $6(3y + 5) =$ _____ b $7(8a - 3b) =$ _____ c $9(x - y) =$ _____

d $5(8y - 7) =$ _____ e $4(5a - 2b) =$ _____ f $2(2a + b) =$ _____

g $2(3x - 2y) =$ _____ h $p(3p - 6) =$ _____ i $7(a + 3b) =$ _____

QUESTION 1 Expand the following expressions.

a $3(x + y) =$ _____ b $5(2a + 3b) =$ _____

c $4(2a + 3) =$ _____ d $6(8a - 7b) =$ _____

e $8(m + 3p) =$ _____ f $3(5a - 4m) =$ _____

QUESTION 1 Expand the following expressions.

a $2(a + 3b) =$ _____ b $8(2a + b) =$ _____ c $3(5a + b) =$ _____

d $5(2m + 5n) =$ _____ e $7(5m - n) =$ _____ f $5(3x + 8y) =$ _____

g $6(x + 3y) =$ _____ h $9(6a - 5b) =$ _____ i $6(4a - 2b) =$ _____

QUESTION 2 Expand.

a $6(2a + 7) =$ _____ b $y(y + 7) =$ _____ c $10(3x - 8y) =$ _____

d $m(2m + 3) =$ _____ e $9(5x - y) =$ _____ f $2a(a + b) =$ _____

g $k(3k - 2) =$ _____ h $x(x + 15) =$ _____ i $3p(p - 7) =$ _____

QUESTION 2 Write these expressions without grouping symbols.

a $-3(x + 2) =$ _____ b $-5x(2x + 1) =$ _____

c $-2(2x - 7) =$ _____ d $-2x(8x - 3y) =$ _____

5 Expand each of these, then collect the like terms.

a $3(n + 4) + 5(n + 2)$ b $6(z + 5) + 4(z - 2)$ c $7(p - 2) + 8(p + 3)$