

N4 Maths E+F 1 · 1a

Worksheet 3

Outcome 1 - Multiplying out a single bracket

Multiply out the following brackets...



$3(x + 6)$



$5(a + 3)$



$6(11 + t)$



$2(p - 12)$



$5(b - 11)$



$6(1 - y)$



$3(5x + 2)$



$7(2x + 10)$



$4(9x - 5)$



$5(3 - 5x)$

Outcome 2 - Multiplying out a single bracket and collecting like terms

Multiply out the following brackets and simplify your answer...



$5(7x + 2) + 4$



$7(4a + 2) + 2$



$3(4c - 1) + 9$



$6(6p - 1) + 8$



$8(3b + 2) + 7b$



$2(15y - 2) - 3y$



$25 + 4(2m + 1)$



$23 + 3(8q - 1)$



$7 - 2(2h + 3)$



$2 - 3(11n - 4)$

Outcome 3 - Multiplying out a pair of single brackets /multiplying by a letter

Multiply out the following brackets and simplify...



$3(x + 2) + 4(x + 1)$



$y(2 + y)$



$6(a + 2) + 4(a + 1)$



$h(5 + 2h)$



$5(b + 1) + 3(b - 1)$



$s(s + 9)$



$7(m + 1) + 5(m - 1)$



$n(2n - 3)$



$6(p + 4) + 3(p - 2)$



$g(10 - g)$