

Multiplying out brackets

1. Multiply out the brackets

a. $5(t + 3)$

b. $3(r - 4s)$

c. $2(3 - 5e)$

d. $-2(a + 1)$

e. $d(e + 3d)$

f. $4x(x - 5)$

2. Remove the brackets and simplify

a. $3(x + 3) + 5$

b. $4(p + 6) - 10$

c. $4a + 2(a + 2)$

a. $-2(p + 4) + 6$

b. $-3(2r - 3) + 5r$

c. $-9k + 3(2k + 1)$

3. Multiply out the brackets and simplify

a. $8 + 3(2y + 5)$

b. $6(t + 3) + 4(t - 2)$

c. $5(p - 3) + 2(p + 1)$

d. $7(2d - 1) - 3(3d + 2)$

e. $3m(2m - 4) - 5m(m - 3)$

I have demonstrated in the questions that I have understood multiplying out brackets and simplifying.

R A G