

Bracket by Bracket

1. Expand the brackets and simplify:

i. $(a + 6)(a + 3)$

ii. $(x - 4)(x + 7)$

iii. $(y - 5)(y + 2)$

iv. $(b + 6)(b + 8)$

v. $(a + 9)(a - 5)$

2. Expand the brackets and simplify:

i. $(2x + 3)(3x - 2)$

ii. $(x + 7)(5x - 3)$

iii. $(4x - 6)(7x + 2)$

iv. $(8x + 9)(2x + 7)$

v. $(3x - 8)(7x - 6)$

3. Expand the brackets and simplify:

i. $(6b + 4)^2$

ii. $(5y - 7)^2$

iii. $(3b + 3)^2$

iv. $4(x - 3)^2$

v. $7(2x + 3)^2$

vi. $2(4x + 6)^2$

vii. $6(a - 7)^2$

viii. $7(3x - 5)^2$

ix. $5(b + 4)^2$