AQA, OCR, Edexcel

GCSE

GCSE Maths

Multiplying Out Brackets Questions

Name:

MME
Mathsmadeeasy.co.uk

Total Marks: /29

Expanding Brackets

1. Expand the brackets in the following expressions:
   a. $2(a + 4)$
   b. $3(6a + 5)$
   c. $2a(a + 3)$
   d. $3a(4a - 2a)$
   e. $3a(2y - 2x)$
   f. $4a(3ay + 2ax)$
   g. $-2a^2(3a^2 - 2a^2y)$

(7 Marks)

2. Expand and simplify the following expressions:
   a. $(a + 2)(a + 3)$
   b. $(x + 2)^2$
   c. $(2x - 2)(3x - 9)$
   d. $(5x + 3)^2$
   e. $(9x + 8)(8x - 7)$

(12 Marks)

3. Expand and simplify the following expressions:
   a. $(x + 2)(x + 1)(x + 2)$
   b. $(x + 4)(x - 3)(2x + 1)$
   c. $(2x + 4)(3x + 2)(4x - 2)$
   d. $(2x + 2)^2(3x - 2)$
   e. $(3x + 3)^3$

(10 Marks)