

Expanding Brackets

Question Paper

Course	Edexcel IGCSE Maths
Section	2. Equations, Formulae & Identities
Topic	Expanding Brackets
Difficulty	Easy

Time allowed: 40
Score: /27
Percentage: /100

Question 1

Expand $3(2y - 5)$

[1 mark]

Question 2a

Expand $4(3x + 5)$

[1 mark]

Question 2b

Expand and simplify $2(x - 4) + 3(x + 5)$

[2 marks]

Question 3a

Expand $3(2 + t)$

[1 mark]

Question 3b

Expand $3x(2x + 5)$

[2 marks]

Question 4

Expand $4(x + 2)$

[1 mark]

Question 5

Expand $2m(m+3)$

[1 mark]

Question 6

Expand and simplify $5(y-2) + 2(y-3)$

[2 marks]

Question 7a

Expand $x(x+2)$

[1 mark]

Question 7b

Expand and simplify $3(y+2) + 4(x-1)$

[2 marks]

Question 8

Expand $x(x-3)$

[1 mark]

Question 9

Expand and simplify $3(y - 2) + 5(2y + 1)$

[2 marks]

Question 10

Expand $3y(4y - 3)$

[1 mark]

Question 11

Expand and simplify $3(x + 4) + 2(5x - 1)$

[2 marks]

Question 12

Expand $7(x + 5)$

[1 mark]

Question 13

Expand $4t(3t - 2)$

[2 marks]

Question 14

Expand $4x^2(3x + 5)$

Circle your answer.

$32x^3$

$12x^3 + 20x^2$

$7x^3 + 9x^2$

$12x^2 + 5$

[1 mark]

Question 15

$(2x - 4)(3x + 5)$ is expanded and simplified.

Circle the term which is part of the answer.

$2x$

$-2x$

$22x$

$-22x$

[1 mark]

Question 16

Multiply out and simplify $(x - 8)^2$

[2 marks]