

Simplify/Expand/Factorise

Question Paper 4

Level	IGCSE
Subject	Maths
Exam Board	Edexcel
Topic	Equations, Formulae and Identities
Sub Topic	Simplify/Expand/Factorise(Algebraic manipulation)
Booklet	Question Paper 4

Time Allowed: 18 minutes

Score: /15

Percentage: /100

Grade Boundaries:

9	8	7	6	5	4	3	2	1
>90%	80%	70%	60%	50%	40%	30%	20%	10%

Save My Exams! – The Home of Revision

For more awesome GCSE and A level resources, visit us at www.savemyexams.co.uk/

- 1 (a) Solve $6t - 5 = 2t + 9$
Show clear algebraic working.

$$t = \dots\dots\dots$$

(3)

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

$$\dots\dots\dots$$

(2)

- (c) Simplify fully $4wxy \div (8xy)$

$$\dots\dots\dots$$

(2)

(Total for Question 1 is 7 marks)

Save My Exams! – The Home of Revision

For more awesome GCSE and A level resources, visit us at www.savemyexams.co.uk/

2 (a) Solve $2y + \frac{2 - 3y}{4} = \frac{1}{4}$

Show clear algebraic working.

$y = \dots\dots\dots$
(3)

(b) Factorise $3x^2 - 8x - 3$

$\dots\dots\dots$
(2)

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

$\dots\dots\dots$
(3)

(Total for Question 2 is 8 marks)