EXAM PAPERS PRACTICE

GCSE OCR Math J560

Expanding Quadratics

Question Paper

"We will help you to achieve A Star "

Question 1

Expand and simplify $(x + 4)(x + 6)$

[2 marks]

Question 2

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

[2 marks]

Question 3

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

[2 marks]

Question 4

Expand and simplify $(p + 9)(p - 4)$

[2 marks]

Question 5

Expand and simplify $(m + 3)(m + 10)$

[2 marks]

Question 6

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

[2 marks]

Question 7

Expand and simplify $(2x + 3)(x - 8)$

[2 marks]

Question 8

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

[2 marks]

Question 9

Expand and simplify $(a + 5)(2a - 1)$

[2 marks]

Question 10

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

[2 marks]

Question 11

Expand $3y(4y - 3)$

[1 mark]

Question 12

Expand and simplify $(w - 5)^2$

[2 marks]

Question 13

Show that

$$(3x - 1)(x + 5)(4x - 3) = 12x^3 + 47x^2 - 62x + 15$$

for all values of x.

[3 marks]

Question 14

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

[2 marks]

Question 15

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

[3 marks]