



EXAM PAPERS PRACTICE

GCSE OCR Math J560

Factorising Quadratics

Question Paper

*"We will help you to
achieve A Star "*



Question 1

Factorise $y^2 - 10y + 16$

[2 marks]

Question 2

(b) Factorise $y^2 - 100$

[1 mark]

Question 3

Factorise $n^2 - 7n$

[1 mark]

Question 4

Factorise $x^2 + 3x - 4$

[2 marks]

Question 5

Factorise $x^2 + 3x - 10$

[2 marks]



Question 6

Factorise $y^2 - 16$

[1 mark]

Question 7

Factorise $4x^2 - 9$

[1 mark]

Question 8

Factorise $y^2 - y - 2$

[2 marks]

Question 9

(a) Factorise $a^2 - b^2$

[1 mark]

Question 10

Factorise $x^2 - 49$

[1 mark]



Question 11

Factorise fully $20x^2 - 5$

[2 marks]

Question 12

Factorise fully $4(x - 5)^2 + 3(x - 5)$

[2 marks]

Question 13

(b) By finding suitable values of a and c , use part (a) to write 650065 as the sum of two square numbers.

[3 marks]

Question 14

Solve $x^2 = 4(x - 3)^2$

[3 marks]

Question 15

Factorise completely $(12x - y)^2 - (4x - 3y)^2$

[2 marks]