Maths
Junior Certificate
Ordinary Level

Past Exam Questions on
Factorising

Q5 Part (b) 2012 Paper 1

(b) **(i)** Factorise $5xy + 3y$.

(ii) Factorise $ax + 2ay + 3x + 6y$.

(iii) Solve for x and y: $2x + 5y = 19$
$3x - y = 3$

$x =$ $y =$

Q5 Part (b) 2011 Paper 1

(b) Factorise:

(i) $4xy - 8y$

(ii) $xy - xz + 3y - 3z$

(iii) $x^2 + 7x + 12$

(iv) $x^2 - 64$

Q5 Part (b) 2010 Paper 1

(b) **(i)** Factorise $x^2 - 25$.

(ii) Factorise $ab - 2ax + mb - 2mx$.

(iii) Factorise $x^2 + 4x - 12$.

Hence solve the equation $x^2 + 4x - 12 = 0$.

Q5 Part (b) 2009 Paper 1

5(b) Factorise

(i) $5cd + 7d$

(ii) $ax + 3ay + 4x + 12y$

(iii) $x^2 - 49$

Q5 Part (b) 2007 Paper 1

5(b) **(i)** Factorise

(i) $16xy + 11y$

(ii) $5x + 10y + ax + 2ay$

(iii) $x^2 - x - 90$

(iv) $x^2 - 121$

Q5 Part (b) 2005 Paper 1

5(b) Factorise:

(i) $4ab + 8b$

(ii) $ab + 2ac + 5b + 10c$

(iii) $x^2 + 2x - 15$

(iv) $x^2 - y^2$