

## Algebra 1 Junior Cert Factorising

Example 1:

Factorise:  $49x^2 - 25y^2$

Example 2:

Factorise  $7x^2 + 14$

Example 3:

Factorise  $6x^2 - 2xz - 3xy + yz$

Question 1:

Factorise each of the following:

(i)  $9x^2 - 100$

(ii)  $3x^2 - 12x$

(iii)  $21xy + 3y - 7x - 1$

(iv)  $50x^2 - 32$

(v)  $6x^2 - 7 - 21x + 2x$