

Credit

# Factorisation Methods

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Possibly mixed  
Common factor  
then **SAC**

$$2x^2 - 7x + 6$$

$2x$	$-3$
$x$	$-2$

$(2x - 3)(x - 2)$

St. Andrew's Cross  
Method (3 terms)

Factorisation  
"product of brackets"

Common factor

Difference of 2 squares

e.g.  $4y - 8y^2$   
 $4y(1 - 2y)$

Mixed  
 $4x^2 - 36$   
 $= 4(x^2 - 9)$   
 $= 4(x + 3)(x - 3)$

e.g.  $9m^2 - 64$   
 $(3m + 8)(3m - 8)$